Access DB#\_84600

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: HARCART Unit: 175 Phone N Mail Box and Bldg/Room Location:	U) CC umber 30 <u>5 - 5 5 9</u> 9 <i>B3</i> \$ Res	Examiner # :	Date: // Der: 09/846, ed (circle): (RAPER D	17/08 654 01SK E-MAII
If more than one search is submi **************************** Please provide a detailed statement of the s Include the elected species or structures, ke utility of the invention. Define any terms t known. Please attach a copy of the cover sl	earch topic, and describe eywords, synonyms, acro hat may have a special m	as specifically as poss nyms, and registry nun eaning. Give example	**************************************	be searched. he concept or
Title of Invention:			7	
Inventors (please provide full names):		1- 1		
Earliest Priority Filing Date:	······································	7 3 7 7		. 4:
*For Sequence Searches Only* Please include appropriate serial number.  Whatver				-
		<i>√</i> 3		
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STAFF USE ONLY Searcher:  Searcher Phone #: 30 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Type of Search  NA Sequence (#)  AA Sequence (#)  Structure (#)  Bibliographic  Litigation  Fulltext  Patent Family,	Dialog Questel/Orbit Dr.Link Lexis/Nexis Sequence Systems WWW/Internet		

Page 1hardy654

=> set cost off SET COMMAND COMPLETED

=> file reg
FILE 'REGISTRY' ENTERED AT 11:05:04 ON 27 JAN 2003
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STRUCTURE FILE UPDATES: 24 JAN 2003 HIGHEST RN 481628-73-3 DICTIONARY FILE UPDATES: 24 JAN 2003 HIGHEST RN 481628-73-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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FILE COVERS 1907 - 27 Jan 2003 VOL 138 ISS 5 FILE LAST UPDATED: 26 Jan 2003 (20030126/ED)

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(FILE 'HOME' ENTERED AT 09:58:45 ON 27 JAN 2003)

FILE 'REGISTRY' ENTERED AT 09:59:06 ON 27 JAN 2003 ACT HARD654A/A

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KOROMA EIC1700

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*L6 (
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L12 (
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  L53 (
                                                                                                                                     PLU=ON
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                                                                                                                                     PLU=ON
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  L56
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	1	FILE=REGISTRY		PLU=ON	123-35-3/RN
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					123-68-2/RN
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L112		FILE=REGISTRY		PLU=ON	
L113		FILE=REGISTRY		PLU=ON	624-54-4/RN
L114		FILE=REGISTRY		PLU=ON	100-66-3/RN
L115		FILE=REGISTRY		PLU=ON	100-52-7/RN
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L170(
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 L171(
             1008 SEA FILE=REGISTRY ABB=ON PLU=ON L170 OR L171
 L172
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ACT HARD654C/A

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►L177(		FILE=REGISTRY		PLU=ON	103-37-7/RN
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                                                   124-13-0/RN
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L411
L412
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L424
L425
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L426
              2 S L425 AND L421
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L428
L429
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     FILE 'HCAPLUS' ENTERED AT 11:05:09 ON 27 JAN 2003
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KOROMA EIC1700

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L430 ANSWER 1 OF 18 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:

DOCUMENT NUMBER: 137:203062 Viscous liquid dishwashing detergent with TITLE: long-lasting scent - INVENTOR(S): Iihara, Tadashi; Koga, Takeichiro; Sonoda, Akiko Lion Corp., Japan PATENT ASSIGNEE(S): SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp. CODEN: JKXXAF DOCUMENT TYPE: Patent LANGUAGE: Japanese FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE \_\_\_\_\_ ----\_\_\_\_\_\_ JP 2002256300 A2 20020911 JP 2001-109276 20010302 PRIORITY APPLN. INFO.: JP 2001-109276 20010302 Title compn., having viscosity at 25.degree. of 200-600 mPas, comprises (A) surfactant 30-60 wt% and (B) perfumes having b.p. 150-300 0.05-1.0 wt%. Thus, a compn., showing excellent detergency and foaming ability, was formulated by mixing sodium C12-alkyl ether sulfate 15, sodium C14-.alpha.-olefin sulfate 5, C12-alkyl amine oxide 5, polyethylene glycol C15-alkyl ether 2, fatty acid diethanolamine 4, ethanol 4, p-toluene sulfonic acid 5, limonene 0.15, linalool 0.01, pinene 0.01, and citral 0.01 part. ICM C11D017-08 IC C11D001-02; C11D001-66; C11D001-75; C11D001-90; C11D003-37; ICS C11D003-50; C11D010-02; C11D017-04 CC 46-6 (Surface Active Agents and Detergents) ST viscous liq dishwashing detergent limonene linalool pinene citral ΙT Amine oxides Betaines RL: TEM (Technical or engineered material use); USES (Uses) (ampholytic surfactant; formulation of viscous liq. dishwashing detergent with long-lasting scent) ΙT (amphoteric; formulation of viscous lig. dishwashing detergent with long-lasting scent) .IT Surfactants (anionic; formulation of viscous liq. dishwashing detergent with long-lasting scent) ΙT Detergents (dishwashing, liq.; formulation of viscous liq. dishwashing detergent with long-lasting scent) TΤ Perfumes (formulation of viscous liq. dishwashing detergent with long-lasting scent) ΙT Surfactants (nonionic; formulation of viscous liq. dishwashing detergent with long-lasting scent) 7757-82-6D, Sodium sulfate, alkyl derivs. ΤТ RL: TEM (Technical or engineered material use); USES (Uses) (anionic surfactant; formulation of viscous liq. dishwashing detergent with long-lasting scent) TΤ **78-70-6**, Linalool 85-91-6, Methyl Methyl anthranilate 93-28-7, Eugenol acetate **97-53-0**, **89-80-5**, Menthone 98-86-2, Acetophenone, uses 99-49-0, Carvone 100-51-6, Benzyl alcohol, uses 101-97-3, Ethyl phenylacetate 103-36-6,

2002:686617 HCAPLUS

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Ethyl cinnamate 103-54-8, Cinnamyl acetate 104-46-1, Anethole
     104-54-1, Cinnamic alcohol 104-55-2, Cinnamic aldehyde
     106-23-0, Citronellal 106-24-1, Geraniol
                                                    106-25-2, Nerol
     106-32-1, Ethyl caprylate 112-45-8, Undecylene aldehyde 115-95-7
     119-36-8, Methyl salicylate 120-51-4, Benzyl benzoate
     120-57-0, 1,3-Benzodioxole-5-carboxaldehyde 121-33-5 122-03-2
     122-63-4, Benzyl propionate 134-20-3 138-86-3, Limonene
     140-11-4, Benzyl acetate 150-84-5, Citronellyl acetate
     470-82-6
                 507-70-0, Borneol 1330-16-1, Pinene 1490-04-6,
     Menthol 5392-40-5, Citral 8000-41-7, Terpineol 8013-00-1,
     Terpinene 26444-19-9, Methylacetophenone
                                                        39350-49-7, Hexylcinnamic
     aldehyde
                  50984-52-6, Anisaldehyde 128196-32-7
     RL: MOA (Modifier or additive use); USES (Uses)
         (perfume; formulation of viscous liq. dishwashing detergent
         with long-lasting scent)
L430 ANSWER 2 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                            2002:637781 HCAPLUS
DOCUMENT NUMBER:
                            137:187416
TITLE:
                            Automatic dishwashing compositions
                            comprising blooming perfume and base masking
                            ingredients
INVENTOR(S):
                            Clare, Jonathan Richard; Kaiser, Carl-eric; Pankratz,
                            Virginia
PATENT ASSIGNEE(S):
                            The Procter & Gamble Company, USA
                            PCT Int. Appl., 38 pp.
SOURCE:
                            CODEN: PIXXD2
DOCUMENT TYPE:
                            Patent
LANGUAGE:
                            English
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                    KIND DATE
     PATENT NO.
                                                APPLICATION NO. DATE
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                                               _____
     WO 2002064723 A2 20020822
WO 2002064723 A3 20021010
                                              WO 2002-US4446 20020213
              AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
              LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
          PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
                                               US 2001-783510 20010214
2001-783510 A 20010214
     US 2002169091
                        A1 20021114
PRIORITY APPLN. INFO.:
                                             US 2001-783510
     Automatic dishwashing detergent compns. comprises bleaching
     agent or enzyme preferably amylase and/or protease enzymes, 10-75%
     detergent builder, adjunct material, and 0.01-5% blooming perfume compn.
     contg. 50-90% blooming perfume ingredients having a b.p. of less than
     about 260.degree.C and a ClogP of at least about 3, and wherein said
     perfume compn. comprises at least 5 different blooming perfume
     ingredients, and 0.5-10% base masking perfume ingredients having a b.p. of
     more than about 260.degree. and a ClogP of at least about 3.
IC
     ICM C11D003-50
     ICS C11D003-39; C11D003-395; C11D003-386; C11D003-06; C11D011-00
     46-6 (Surface Active Agents and Detergents)
CC
ST
     dishwashing compn blooming base masking perfume
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IT
     Detergents
         (bleaching; dishwashing detergent compns.)
ΙT
      Perfumes
         (dishwashing detergent compns.)
-IT
     Detergents
         (dishwashing, gels; dishwashing detergent compns.)
ΙT
     Detergents
         (dishwashing, liq.; dishwashing detergent compns.)
IT
     Detergents
         (enzyme-contg.; dishwashing detergent compns.)
TΤ
     37172-53-5, Methyl 2-hexyl-3-oxo-cyclopentanecarboxylate
     RL: TEM (Technical or engineered material use); USES (Uses)
         (Dihydro Isojasmonate, base masking perfume; dishwashing
        detergent compns.)
IT
     55066-48-3, 3-Methyl-5-phenyl-1-pentanol
     RL: TEM (Technical or engineered material use); USES (Uses)
         (Ph Hexanol, base masking perfume; dishwashing detergent
        compns.)
IT
     101-48-4, Phenylacetaldehyde dimethyl acetal
     RL: TEM (Technical or engineered material use); USES (Uses)
         (Veridine, delayed blooming perfume; dishwashing detergent
        compns.)
IT
     77-53-2, Cedrol
                       77-54-3, Cedryl acetate
                                                  79-69-6
                                                             80-54-6, Lilial
     87-20-7, Isopentyl salicylate 87-44-5 89-43-0, Aurantiol 91-87-2
                                      94-47-3, Phenethyl benzoate
                                                                      97-89-2,
     93-04-9, 2-Methoxy Naphthalene
     Citronellyl isobutyrate
                               101-81-5, Diphenylmethane
                                                             101-86-0
                                                                        102-20-5,
                                103-95-7, Cyclamen aldehyde
     Phenethyl phenylacetate
                                                               104-67-6
     105-95-3, Ethylene brassylate 106-02-5, Pentadecanolide
                                                                   109-29-5,
                       118-58-1, Benzyl salicylate
     Hexadecanolide
                                                     119-61-9, Benzophenone,
             122-40-7
                       122-69-0, Cinnamyl cinnamate 123-69-3, Ambrettolide
     uses
     126-64-7, Linalyl benzoate
                                  692-86-4
                                              710-04-3
                                                          713-95-1
                                                                     1222-05-5,
                  1725-01-5, 1,8-Dioxacycloheptadecan-9-one
                                                                2049-96-9, Amyl
     Galaxolide
                 2345-26-8, Geranyl isobutyrate
                                                  5986-55-0, Patchouli alcohol
     benzoate
     6259-76-3
                  7388-22-9
                             7779-65-9, Isoamyl cinnamate
                                                             15323-35-0,
                  21145-77-7, Tonalid
     Phantolide
                                         25485-88-5, Cyclohexyl salicylate
     54464-57-2, Iso E Super
                                65405-77-8
                                             68141-26-4, 6-Isobutylquinoline
                                                       423773-57-3, Habanolide
     95962-14-4, Nectaryl
                            125109-85-5, Florhydral
     449203-72-9, Citrathal
                               449203-73-0, Clonal
                                                     449203-74-1, Cyclabute
     449203-79-6, Neobutenone 449205-30-5, Vertinert Acetate
     RL: TEM (Technical or engineered material use); USES (Uses)
         (base masking perfume; dishwashing detergent compns.)
TT
     78-69-3, Tetrahydrolinalool 79-77-6 79-92-5,
     Camphene 80-26-2 80-56-8 88-41-5, Verdox
     99-85-4 99-86-5
                       99-87-6 101-84-8,
     Diphenyloxide 103-37-7, Benzyl butyrate 105-86-2,
     Geranyl formate
                        105-87-3, Geranyl acetate 106-21-8,
                               106-22-9, Citronellol 110-41-8
     3,7-Dimethyl-1-octanol
     112-31-2, Decyl Aldehyde 112-54-9, Lauraldehyde 115-95-7
     , Linalyl acetate 120-50-3, Isobutyl benzoate 123-35-3
     124-19-6, Nonylaldehyde 125-12-2, Isobornyl acetate
     127-41-3 127-91-3
                          140-67-0, Methyl Chavicol
     141-12-8, Neryl acetate 141-14-0, Citronellyl propionate
     142-19-8, Allyl heptanoate 143-13-5, Nonyl acetate
     150-84-5, Citronellyl acetate 499-75-2, Carvacrol
     586-62-9 673-84-7, AlloOcimene 2463-77-6, 2-Undecenal
     2623-23-6 2705-87-5, Allyl cyclohexanepropionate
     4180-23-8 5146-66-7, Geranyl nitrile 5434-57-1 5989-27-5 13851-11-1, Fenchyl acetate 16930-96-4,
     Hexyl tiglate 18479-57-7, Tetrahydromyrcenol 19009-56-4
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, Methyl octyl acetaldehyde 21722-83-8, Cyclohexylethyl acetate
     27458-94-2, Isononyl alcohol 29350-73-0, Cadinene
     32210-23-4, Vertenex 40379-24-6, Isononyl acetate
     41519-23-7 51566-62-2, Citronellyl nitrile
     53219-21-9, Dihydromyrcenol 57378-68-4
                                              57576-09-7.
     Isopulegyl acetate 67883-79-8 88969-41-9,
     Dihydromyrcenyl acetate 177772-08-6, Undecavertol
     449203-66-1, Lorysia 449203-69-4, Lymolene
    RL: TEM (Technical or engineered material use); USES (Uses)
        (blooming perfume; dishwashing detergent compns.)
     60-12-8, Phenethyl alcohol 78-70-6, Linalool
TT
    89-79-2, Isopulegol 89-80-5, Menthone
     (+)-Pulegone 91-16-7, Veratrole 93-15-2, Methyl
    Eugenol 93-58-3, Methyl benzoate 93-89-0, Ethyl benzoate
     93-92-5, Methyl Phenyl Carbinyl Acetate 94-59-7, Safrole
     97-53-0, Eugenol 98-55-5
                               100-06-1 100-51-6, Benzyl
    alcohol, uses 100-52-7, Benzaldehyde, uses 100-66-3,
    Anisole, uses 100-86-7, Dimethyl benzyl carbinol
    101-97-3, Ethyl phenyl acetate 103-05-9, Phenyl Ethyl
    dimethyl Carbinol 103-45-7, 2-Phenylethyl acetate
    104-50-7 104-54-1, Cinnamic alcohol 104-57-4,
    Benzyl formate 104-61-0 104-65-4, Cinnamyl formate
    104-93-8 105-54-4, Ethyl butanoate 105-66-8, Propyl
    butanoate 106-24-1 106-25-2, Nerol
                                          106-44-5, uses
    106-68-3, Ethyl amyl ketone 107-75-5, Hydroxycitronellal
    110-43-0, Methyl pentyl ketone 110-93-0, Methyl
    Heptenone 111-13-7, Methyl Hexyl ketone 119-36-8,
    Methyl salicylate 119-65-3, Isoquinoline 120-72-9, Indole,
           122-00-9 122-03-2, Cuminaldehyde 122-63-4,
    Benzyl propionate 122-78-1, Phenylacetaldehyde 122-99-6,
    2-Phenoxyethanol 123-11-5, uses 123-51-3, Isoamyl alcohol
    123-68-2, Allyl caproate 123-96-6, 2-Octanol
    124-13-0, Octyl Aldehyde 134-20-3, Methyl anthranilate
    140-11-4, Benzyl acetate 141-78-6, Ethyl acetate, uses
    141-97-9, Ethyl acetoacetate 142-92-7, Hexyl acetate
    151-05-3, Dimethyl benzyl carbinyl acetate 464-49-3,
     (+)-Camphor 470-82-6, Eucalyptol 488-10-8
    536-60-7, Cumic alcohol 562-74-3, 4-Terpinenol
    610-16-2 624-54-4, Amyl Propionate 628-63-7, Amyl
    acetate 629-33-4, Hexyl formate 821-55-6, Methyl
    Heptyl ketone 925-78-0, 3-Nonanone 928-96-1
    1123-85-9, Hydratropic alcohol 1191-16-8, Prenyl acetate
    1365-19-1, Linalool oxide 1632-73-1, Fenchyl alcohol
    2244-16-8, (+)-Carvone 2305-21-7, 2-Hexen-1-ol
    2550-26-7, Benzylacetone 3301-94-8 3681-71-8
    4861-85-2, Isopropyl phenylacetate 4940-11-8, Ethyl
    Maltol 5392-40-5, Citral 6485-40-1
                                          7452-79-1
    15439-16-4, Cyclal 16409-43-1, Rose oxide
    22457-23-4, Stemone 39255-32-8, Ethyl-2-methyl
                 54140-14-6
                               68039-49-6, Triplal 76842-49-4,
    pentanoate
    Frutene 124899-75-8 171102-41-3, Flor Acetate
    234435-95-1, Methyl pamplemousse 449203-70-7, Violiff
    RL: TEM (Technical or engineered material use); USES (Uses)
        (delayed blooming perfume; dishwashing detergent compns.)
                          9001-92-7, Protease
IT
    9000-92-4, Amylase
    RL: BUU (Biological use, unclassified); TEM (Technical or engineered
    material use); BIOL (Biological study); USES (Uses)
        (dishwashing detergent compns.)
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L430 ANSWER 3 OF 18 HCAPLUS COPYRIGHT 2003 ACS
                         2002:637780 HCAPLUS
ACCESSION NUMBER:
DOCUMENT NUMBER:
                         137:187415
TITLE:
                         Automatic dishwashing detergent compositions
                         comprising diacyl peroxide bleach and blooming perfume
INVENTOR(S):
                         Clare, Jonathan Richard
PATENT ASSIGNEE(S):
                         The Procter & Gamble Company, USA
SOURCE:
                         PCT Int. Appl., 46 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         English
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
     PATENT NO.
                    KIND DATE
                                           APPLICATION NO. DATE
     ______
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                                           ______
     WO 2002064722 A2
                            20020822
                                           WO 2002-US4441 20020213
     WO 2002064722
                      А3
                            20021114
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             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     US 2002169091
                            20021114
                                          US 2001-783510 20010214
                       A1
PRIORITY APPLN. INFO.:
                                        US 2001-783510
                                                       A 20010214
                                        US 2001-846654
                                                         A 20010501
AB
     Automatic dishwashing detergent compns. comprises diacyl
     peroxide bleaching agent and 0.01-5% blooming perfume compn. contq.
     15-60%, preferably 20-50% blooming perfume ingredients having a b.p. of
     less than about 260.degree.C and a ClogP of at least about 3; 15-70%
     delayed blooming perfume ingredients having a b.p. of less than about
     260 degree. and a ClogP of less than about 3, wherein the wt. ratio of
     blooming perfume ingredients to delayed blooming perfume ingredients is
     from about 0.25 to about 1.5; 1-30% base masking perfume ingredients
     having a b.p. of more than 260 .degree.C and a ClogP of at least 3.
IC
     ICM C11D003-50
     ICS
         C11D003-39
     46-6 (Surface Active Agents and Detergents)
ST
     dishwashing detergent compn diacyl peroxide bleach blooming
     perfume
IT
     Detergents
        (bleaching; dishwashing detergent compns.)
IT
     Perfumes
        (dishwashing detergent compns.)
TT
     Detergents
        (dishwashing, gels; dishwashing detergent compns.)
IT
     Detergents
        (dishwashing, liq.; dishwashing detergent compns.)
IT
     37172-53-5, Methyl 2-hexyl-3-oxo-cyclopentanecarboxylate
     RL: TEM (Technical or engineered material use); USES (Uses)
        (Dihydro Isojasmonate, base masking perfume; dishwashing
        detergent compns.)
     55066-48-3, 3-Methyl-5-phenyl-1-pentanol
IT
     RL: TEM (Technical or engineered material use); USES (Uses)
        (Ph Hexanol, base masking perfume; dishwashing detergent
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compns.)
ΙT
     101-48-4, Phenylacetaldehyde dimethyl acetal
     RL: TEM (Technical or engineered material use); USES (Uses)
        (Veridine, delayed blooming perfume; dishwashing detergent
ΙT
     77-53-2, Cedrol 77-54-3, Cedryl acetate 79-69-6
     80-54-6, Lilial
                       87-20-7, Isopentyl salicylate 87-44-5,
     .beta.-Caryophyllene 89-43-0, Aurantiol 91-87-2,
     .alpha.-Amylcinnamaldehyde dimethyl acetal 93-04-9, 2-Methoxy
     Naphthalene 94-47-3, Phenethyl benzoate 97-89-2,
     Citronellyl isobutyrate 101-81-5, Diphenylmethane
     101-86-0, .alpha.-Hexylcinnamaldehyde 102-20-5,
     Phenethyl phenylacetate 103-95-7, Cyclamen aldehyde
     104-67-6, .gamma.-Undecalactone 105-95-3, Ethylene
     brassylate
                  106-02-5, Pentadecanolide 109-29-5, Hexadecanolide
     118-58-1, Benzyl salicylate 119-61-9, Benzophenone, uses
     122-40-7, .alpha.-Amylcinnamaldehyde 122-69-0, Cinnamyl
     cinnamate
                 123-69-3, Ambrettolide 126-64-7, Linalyl benzoate
     692-86-4
                710-04-3, .delta.-Undecalactone 713-95-1,
     .delta.-Dodecalactone 1222-05-5, Galaxolide
                                                    1725-01-5,
     1,8-Dioxacycloheptadecan-9-one 2049-96-9, Amyl benzoate
     2345-26-8, Geranyl isobutyrate 5986-55-0, Patchouli alcohol
                                      7388-22-9, .gamma.-Methyl Ionone
     6259-76-3, n-Hexyl salicylate
     7779-65-9, Isoamyl cinnamate 15323-35-0, Phantolide
     21145-77-7, Tonalid 25485-88-5, Cyclohexyl salicylate
     54464-57-2, Iso E Super 65405-77-8, cis-3-Hexenyl
     salicylate 68141-26-4, 6-Isobutylquinoline 95962-14-4,
     Nectaryl 125109-85-5, Florhydral 423773-57-3,
     Habanolide 449203-72-9, Citrathal 449203-73-0, Clonal
     449203-74-1, Cyclabute 449203-79-6, Neobutenone
     449205-30-5, Vertinert Acetate
     RL: TEM (Technical or engineered material use); USES (Uses)
        (base masking perfume; dishwashing detergent compns.)
ΙT
     94-36-0, Dibenzoyl peroxide, uses 3034-79-5
     10484-48-7, Benzoyl succinyl peroxide 24163-35-7
                                                          37051-42-6,
     Diphthaloyl peroxide
     RL: TEM (Technical or engineered material use); USES (Uses)
        (bleaching agent; dishwashing detergent compns.)
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IT
     79-92-5, Camphene 80-26-2, .alpha.-Terpinyl acetate
     80-56-8, .alpha.-Pinene 88-41-5, Verdox 99-85-4
     , .gamma.-Terpinene 99-86-5, .alpha.-Terpinene
                                                        99-87-6
     101-84-8, Diphenyloxide 103-37-7, Benzyl butyrate
     105-86-2, Geranyl formate 105-8
106-21-8, 3,7-Dimethyl-1-octanol
                                 105-87-3, Geranyl acetate
                                         106-22-9, Citronellol
     110-41-8, Methyl n-Nonyl acetaldehyde 112-31-2, Decyl
     Aldehyde
                112-54-9, Lauraldehyde 115-95-7, Linalyl acetate
     120-50-3, Isobutyl benzoate 123-35-3, .beta.-Myrcene
     124-19-6, Nonylaldehyde 125-12-2, Isobornyl acetate
     127-41-3, .alpha.-Ionone 127-91-3, .beta.-Pinene 140-67-0, Methyl Chavicol 141-12-8, Neryl acetate
     141-14-0, Citronellyl propionate 142-19-8, Allyl
     heptanoate 143-13-5, Nonyl acetate 150-84-5,
     Citronellyl acetate 499-75-2, Carvacrol
                                                586-62-9
     673-84-7, AlloOcimene 2463-77-6, 2-Undecenal
     2705-87-5, Allyl cyclohexanepropionate 4180-23-8,
     trans-Anethole 5146-66-7, Geranyl nitrile
     5989-27-5 13851-11-1, Fenchyl acetate 16930-96-4,
     Hexyl tiglate 18479-57-7, Tetrahydromyrcenol 19009-56-4
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, Methyl octyl acetaldehyde 21722-83-8, Cyclohexylethyl acetate
     27458-94-2, Isononyl alcohol 29350-73-0, Cadinene
     32210-23-4, Vertenex 40379-24-6, Isononyl acetate
     41519-23-7, cis-3-Hexenyl isobutyrate 51566-62-2,
     Citronellyl nitrile 53219-21-9, Dihydromyrcenol
     57378-68-4, .delta.-Damascone 57576-09-7, Isopulegyl acetate
     67883-79-8, cis-3-Hexenyl tiglate 88969-41-9,
     Dihydromyrcenyl acetate 177772-08-6, Undecavertol
     449203-66-1, Lorysia 449203-69-4, Lymolene
     RL: TEM (Technical or engineered material use); USES (Uses)
        (blooming perfume; dishwashing detergent compns.)
     60-12-8, Phenethyl alcohol 78-70-6, Linalool
IT
                                            89-82-7,
     89-79-2, Isopulegol 89-80-5, Menthone
     (+)-Pulegone 91-16-7, Veratrole 93-15-2, Methyl
              93-58-3, Methyl benzoate 93-89-0, Ethyl benzoate
     93-92-5, Methyl Phenyl Carbinyl Acetate 94-59-7, Safrole
                                          100-51-6, Benzyl
                               100-06-1
     97-53-0, Eugenol 98-55-5
     alcohol, uses 100-52-7, Benzaldehyde, uses 100-66-3,
     Anisole, uses 100-86-7, Dimethyl benzyl carbinol
     101-97-3, Ethyl phenyl acetate 103-05-9, Phenyl Ethyl
     dimethyl Carbinol 103-45-7, 2-Phenylethyl acetate
     104-50-7, .gamma.-Octalactone 104-54-1, Cinnamic alcohol 104-57-4, Benzyl formate 104-61-0, .gamma.-Nonalactone
     104-65-4, Cinnamyl formate 104-93-8 105-54-4, Ethyl
     butanoate 105-66-8, Propyl butanoate 106-24-1,
     trans-Geraniol
                      106-25-2, Nerol 106-44-5, p-Cresol, uses
     106-68-3, Ethyl amyl ketone 107-75-5, Hydroxycitronellal
     110-43-0, Methyl pentyl ketone 110-93-0, Methyl
     Heptenone 111-13-7, Methyl Hexyl ketone 119-36-8,
     Methyl salicylate 119-65-3, Isoquinoline 120-72-9, Indole,
            122-00-9 122-03-2, Cuminaldehyde 122-63-4,
     Benzyl propionate 122-78-1, Phenylacetaldehyde 122-99-6,
     2-Phenoxyethanol 123-11-5, p-Anisaldehyde, uses 123-51-3,
     Isoamyl alcohol 123-68-2, Allyl caproate 123-96-6,
     2-Octanol 124-13-0, Octyl Aldehyde
                                          134-20-3, Methyl
     anthranilate 140-11-4, Benzyl acetate 141-78-6, Ethyl
     acetate, uses 141-97-9, Ethyl acetoacetate 142-92-7,
     Hexyl acetate 151-05-3, Dimethyl benzyl carbinyl acetate
     464-49-3, (+)-Camphor 470-82-6, Eucalyptol
     488-10-8, cis-Jasmone 536-60-7, Cumic alcohol
                              610-16-2 624-54-4, Amyl
     562-74-3, 4-Terpinenol
     Propionate 628-63-7, Amyl acetate 629-33-4, Hexyl
     formate 821-55-6, Methyl Heptyl ketone 925-78-0,
     3-Nonanone 928-96-1, cis-3-Hexen-1-ol 1123-85-9,
     Hydratropic alcohol 1191-16-8, Prenyl acetate 1365-19-1,
     Linalool oxide 1632-73-1, Fenchyl alcohol 2244-16-8,
     (+)-Carvone 2305-21-7, 2-Hexen-1-ol 2550-26-7,
     Benzylacetone 3301-94-8, .delta.-Nonalactone 3681-71-8
     , cis-3-Hexenylacetate 4861-85-2, Isopropyl phenylacetate
     4940-11-8, Ethyl Maltol 5392-40-5, Citral
     6485-40-1, L-Carvone
                           7452-79-1 15439-16-4, Cyclal
     16409-43-1, Rose oxide 22457-23-4, Stemone
     39255-32-8, Ethyl-2-methyl pentanoate
                                              54140-14-6
                                                           68039-49-6,
     Triplal 76842-49-4, Frutene 124899-75-8
     171102-41-3, Flor Acetate 234435-95-1, Methyl
     pamplemousse 449203-70-7, Violiff
     RL: TEM (Technical or engineered material use); USES (Uses)
        (delayed blooming perfume; dishwashing detergent compns.)
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L430 ANSWER 4 OF 18 HCAPLUS COPYRIGHT 2003 ACS ACCESSION NUMBER: 2002:464311 HCAPLUS

DOCUMENT NUMBER: 137:34826

TITLE: Liquid cleaning compositions having microbicidal

activity for hard surface

INVENTOR(S): Tadenuma, Hirohiko; Sonoda, Akiko; Okano, Tomomichi

PATENT ASSIGNEE(S): Lion Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

JP 2002173698 A2 20020621 JP 2000-403747 20001204

PRIORITY APPLN. INFO.: JP 2000-403747 20001204

AB The compns. comprise (1) teatree essential oils, exts., or corresponding compns., (2) surfactants, and (3) org. acids or their salts. The compns. are useful for cleaning hard surface as dishes, windows, etc. Thus, a compn. contg. teatree essential oil 1, C12 alkyl ether sulfuric acid ester sodium salt 10, C12 dimethylamine oxide 4, sodium benzoate 0.1, C12 polyoxyethylene alkyl ether 10, and lauryldiethanolamide 10% showed good microbicidal effect to staphylococcus aureus.

IC ICM C11D003-382

ICS A01N025-02; A01N025-30; A01N027-00; A01N031-04; A01N031-06; A01N043-22; A01N065-00; C11D003-20; C11D003-30; C11D017-08

CC 46-6 (Surface Active Agents and Detergents)

ST liq cleaning compn microbicidal activity; teatree essential oil cleaning compn **dish** window

IT Detergents

IT Essential oils

RL: BSU (Biological study, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)

(teatree; liq. cleaning compns. having microbicidal activity for hard surface)

IT 60-00-4, Ethylenediaminetetraacetic acid, uses 64-19-7, Acetic acid, uses 65-85-0, Benzoic acid, uses 77-92-9, Citric acid, uses 79-09-4, Propionic acid, uses 79-14-1, Glycolic acid, uses 110-15-6, Succinic acid, uses 124-04-9, Adipic acid, uses 124-07-2, Caprylic acid, uses 144-62-7, Oxalic acid, uses 532-32-1, Sodium benzoate 6915-15-7, Malic acid

RL: BSU (Biological study, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)

(liq. cleaning compns. having microbicidal activity for hard surface)

80-56-8, .alpha.-Pinene 99-86-5, .alpha.-Terpinene 470-82-6, 1,8-Cineol 562-74-3

RL: BSU (Biological study, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)

(teatree essential oils contg.; liq. cleaning compns. having microbicidal activity for hard surface)

L430 ANSWER 5 OF 18 HCAPLUS COPYRIGHT 2003 ACS ACCESSION NUMBER: 2001:760072 HCAPLUS

DOCUMENT NUMBER: 135:305530

TITLE: Compositions containing a biguanide antimicrobial

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agent for cleaning and/or disinfecting a hard surface
                          and the process of using them
 INVENTOR(S):
                          Caselli, Alberto; Raso, Floriana
 PATENT ASSIGNEE(S):
                          The Procter & Gamble Company, USA
- SOURCE:
                          Eur. Pat. Appl., 17 pp.
                          CODEN: EPXXDW
DOCUMENT TYPE:
                          Patent
LANGUAGE:
                          English
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
      PATENT NO.
                     KIND DATE
                                            APPLICATION NO. DATE
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                                            -----
                                                             -----
     EP 1146112
                             20011017
                      A1
                                            EP 2000-870073 20000414
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
              IE, SI, LT, LV, FI, RO
     WO 2001079410
                                            WO 2001-US11929 20010412
                             20011025
                       Α1
             AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
              CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI,
              GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
              KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
              NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR,
              TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
              RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
              DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.:
                                         EP 2000-870073
                                                          A 20000414
     The compns. for disinfecting and/or cleaning a hard-surface, e.g., walls,
     tiles, table tops, glass and dishes, etc., contains up to 20% a
     biguanide antimicrobial agent, e.g., polyalkylene biguanide, an essential
     oil or an active thereof and an org. acid or a salt thereof.
     ICM C11D003-48
 TC
          C11D003-30; C11D003-382; C11D003-20; C11D003-37; A01N047-44;
     ICS
          A01N065-00
CC
     46-6 (Surface Active Agents and Detergents)
     Section cross-reference(s): 10
 ST
     polyalkylene biguanide antimicrobial agent hard surface disinfecting
     compn; essential oil hard surface cleaning compn
ΙT
     Antimicrobial agents
     Cleaning
         (compns. for cleaning and/or disinfecting a hard surface)
ΙT
     Disinfectants
         (detergent; compns. for cleaning and/or disinfecting a hard surface)
ΙT
     Detergents
         (disinfectant; compns. for cleaning and/or disinfecting a hard surface)
IT
     Carboxylic acids, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
         (disinfectant; compns. for cleaning and/or disinfecting a hard surface)
ΙT
     Carboxylic acids, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
         (peroxy, disinfectant; compns. for cleaning and/or disinfecting a hard
        surface)
ΙT
     Carboxylic acids, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
         (polycarboxylic, disinfectant; compns. for cleaning and/or disinfecting
        a hard surface)
     Carboxylic acids, uses
 ΙT
     RL: TEM (Technical or engineered material use); USES (Uses)
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(salts, disinfectant; compns. for cleaning and/or disinfecting a hard
         surface)
      55-56-1, Chlorohexidine
TΤ
      RL: BUU (Biological use, unclassified); TEM (Technical or engineered
      material use); BIOL (Biological study); USES (Uses)
         (Chlorohexidine; antimicrobial agent in compns. for cleaning and/or
         disinfecting a hard surface)
      32289-58-0, Vantocil IB
IT
      RL: BUU (Biological use, unclassified); TEM (Technical or engineered
      material use); BIOL (Biological study); USES (Uses)
         (Vantocil IB; antimicrobial agent in compns. for cleaning and/or
         disinfecting a hard surface)
 TΥ
      69-72-7D, Salicylic acid, Me derivs. 77-53-2, Cedrol
      Verbenone 89-83-8, Thymol 97-53-0, Eugenol 104-46-1, Anethol
      104-54-1, Cinnamyl alcohol 104-55-2, Cinnamyl aldehyde 106-24-1, Geraniol 119-36-8, Methyl salicylate
      470-82-6, Eucalyptol 499-44-5, Hinokitiol 499-75-2, Carvacrol 621-82-9, Cinnamic acid, uses 1135-24-6, Ferulic acid
      1490-04-6, Menthol 2086-83-1, Berberine 8000-41-7, Terpineol
      30460-92-5, Pinocarvone
      RL: BUU (Biological use, unclassified); TEM (Technical or engineered
      material use); BIOL (Biological study); USES (Uses)
         (antimicrobial-active essential oil; compns. for cleaning and/or
         disinfecting a hard surface)
REFERENCE COUNT:
                                  THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
                           4
                                  RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
L430 ANSWER 6 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:578597 HCAPLUS
DOCUMENT NUMBER:
                           135:124156
TITLE:
                          Bactericide combinations in detergents
INVENTOR(S):
                          Elsmore, Richard; Houghton, Mark Phillip
                        Robert McBride Ltd., UK
PATENT ASSIGNEE(S):
SOURCE:
                           Brit. UK Pat. Appl., 53 pp.
                           CODEN: BAXXDU
DOCUMENT TYPE:
                           Patent
LANGUAGE:
                           English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
      PATENT NO. KIND DATE
                                      APPLICATION NO. DATE
                              20010404 GB 1999-23253 19991001
GB 1999-23253 19991001
      GB 2354771 A1 20010404
 PRIORITY APPLN. INFO.:
      The detergent comprises a bactericide in combination with an anionic,
      cationic, nonionic or amphoteric surfactant which has a C12-18 alkyl group
      as the longest chain attached to the hydrophilic moiety. Creduret 50 (hydrogenated ethoxylated castor oil) 50, citric acid 12, formalin 10,
      sodium alkyl benzene sulfonate (C12-20) alkyl 1, perfume white line 0.5,
      detergent enzyme savingase 0.2, and bactericide Pr 4-hydroxybenzoate 1.0
      parts formed a detergent, showing redn. activity after contact 2.
      ICM C11D003-48
46-6 (Surface Active Agents and Detergents)
IC
CC
ST
      bactericide surfactant detergent
ΙT
      Balsams
      RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
      BIOL (Biological study); USES (Uses)
         (Canada; bactericide combinations in detergents)
 TΤ
      Amine oxides
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RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C10-16-alkyldimethyl; bactericide combinations in detergents)
TΤ
     Quaternary ammonium compounds, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C12-14-alkyltrimethyl, chlorides; bactericide combinations in
        detergents)
ΙT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C12-18-alkyl; bactericide combinations in detergents)
TΤ
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C14-18-alkyl; bactericide combinations in detergents)
IT
     Alcohols, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C16-18, ethoxylated; bactericide combinations in detergents)
ΙT
     Fatty acids, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C16-18, phentachlorophenyl esters; bactericide combinations in
        detergents)
IT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C16-18-unsatd. alkyl; bactericide combinations in detergents)
IT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C8-10-alkyl; bactericide combinations in detergents)
ΙT
     Fatty acids, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C8-10; bactericide combinations in detergents)
     Amines, uses
IT
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (C8-18-alkyl; bactericide combinations in detergents)
ΙT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (N-C10-18-alkyltrimethylenediamines, reaction products with
        chloroacetic acid; bactericide combinations in detergents)
TΤ
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (N-coco alkyltrimethylenediamines; bactericide combinations in
        detergents)
ΙT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (N-tallow alkyltrimethylenediamines, ethoxylated; bactericide
        combinations in detergents)
TT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
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(N-tallow alkyltrimethylenediamines; bactericide combinations in
        detergents)
IT
     Balsams.
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (Peru; bactericide combinations in detergents)
IT
     Resins
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (Siam gum benzoin; bactericide combinations in detergents)
TΤ
     Anthracene oil
        (acid ext. for bactericide combinations in detergents)
TΤ
     Pimenta
        (acris; ext. for bactericide combinations in detergents)
IT
     Carboxylic acids, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (aliph., salts; bactericide combinations in detergents)
ΙT
     Quaternary ammonium compounds, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (alkylbenzyldimethyl, chlorides; bactericide combinations in
        detergents)
IT
     Surfactants
        (amphoteric; bactericide combinations in detergents)
ΙT
     Surfactants
        (anionic; bactericide combinations in detergents)
IT
     Antibacterial agents
     Creosote
        (bactericide combinations in detergents)
ΙT
     Asphalt
     Coconut oil
     Creosote oil
     Epoxy resins, uses
     Hydrocarbon oils
     Paraffin oils
     Pyrethrins
     Tar acids
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (bactericide combinations in detergents)
ΙT
     Quaternary ammonium compounds, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (benzyl-C12-14-alkyldimethyl, chlorides; bactericide combinations in
        detergents)
ΙT
     Quaternary ammonium compounds, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (benzyl-C12-16-alkyldimethyl, chlorides; bactericide combinations in
        detergents)
ΙT
     Quaternary ammonium compounds, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (benzyl-C12-18-alkyldimethyl, chlorides; bactericide combinations in
        detergents)
IT
     Quaternary ammonium compounds, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
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(benzyl-C12-18-alkyldimethyl, salts with 1,2-benzisothiazol-3(2H)-one
        1,1-dioxide (1:1); bactericide combinations in detergents)
     Quaternary ammonium compounds, uses
ΤT
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (benzyl-C16-18-alkyldimethyl, chlorides; bactericide combinations in
        detergents)
     Almond (Prunus amygdalus)
IT
        (bitter; ext. for bactericide combinations in detergents)
ΙT
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (cade; bactericide combinations in detergents)
ΤT
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (cassia; bactericide combinations in detergents)
IT
     Secretions (external)
        (castoreum; bactericide combinations in detergents)
ŢΤ
     Surfactants
        (cationic; bactericide combinations in detergents)
TΤ
     Essential oils
     RL: MOA (Modifier or additive use); USES (Uses)
        (cedar; for bactericide combinations in detergents)
TΤ
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (clove; bactericide combinations in detergents)
IΤ
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (coco alkyl, acetates; bactericide combinations in detergents)
ΤТ
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (coco alkyl; bactericide combinations in detergents)
TΤ
     Amines, uses
     Betaines
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (coco alkyldimethyl; bactericide combinations in detergents)
     Quaternary ammonium compounds, uses
ΙT
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (coco alkyltrimethyl, chlorides; bactericide combinations in
        detergents)
ΙT
     Fatty acids, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (coco, reaction products with aminoethylaminoethanol, quaternized;
        bactericide combinations in detergents)
ΙT
     Amine oxides
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified); BIOL (Biological study); USES (Uses)
        (cocoalkyldimethyl; bactericide combinations in detergents)
ΙT
     Balsams
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (copaiba; bactericide combinations in detergents)
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IT
     Naphthenic acids, uses
     Resin acids
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (copper salts; bactericide combinations in detergents)
ΙT
    Essential oils
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (cypress; bactericide combinations in detergents)
ΙT
     Polysulfides
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (di-tert-nonyl; bactericide combinations in detergents)
IT
    Quaternary ammonium compounds, uses
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (dialkyldimethyl, chlorides; bactericide combinations in detergents)
IΤ
    Quaternary ammonium compounds, uses
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (dicoco alkyldimethyl, chlorides; bactericide combinations in
        detergents)
ΙT
    Amines, uses
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (dimethyltallow alkyl; bactericide combinations in detergents)
    Coal tar
ΙT
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (distillate; bactericide combinations in detergents)
    Essential oils
    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (eucalyptus; bactericide combinations in detergents)
    Abelmoschus moschatus
    Allspice (Pimenta dioica)
    Amyris balsamifera
    Angelica archangelica
    Aniba rosaeodora
    Anise
    Artemisia
    Artemisia maritima
    Camphor tree (Cinnamomum camphora)
    Capsicum frutescens
    Caraway (Carum carvi)
    Chrysanthemum cinerariaefolium
    Cinnamomum zeylanicum
    Cistus ladanifer
    Citrus medica
    Coriander
    Cumin
    Cymbopogon citratus
    Cymbopogon nardus
    Cymbopogon winterianus
    Dill
    Dipteryx odorata
    Evernia furfuracea
    Evernia prunastri
    Fennel (Foeniculum vulgare)
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Fennel (Foeniculum vulgare vulgare)
Fir (Abies balsamea)
Gaultheria procumbens
Ginger
Grapefruit
Guaiacum officinale
Hay
Hedeoma pulegioides
Helichrysum stoechas
Iris pseudacorus
Jasmine (Jasminum grandiflorum)
Juniper (Juniperus communis)
Juniper (Juniperus mexicana)
Juniper (Juniperus virginiana)
Laurus nobilis
Lavender (Lavandula hybrida)
Lavender (Lavandula spica)
Lime (Citrus aurantifolia)
Mandarin orange
Melaleuca alternifolia
Mentha arvensis piperascens
Musks
Myristica fragrans
Narcissus juncifolius
Parsley (Petroselinum crispum)
Patchouli
Peppermint (Mentha piperita)
Pimenta racemosa
Pine (Pinus)
Pine (Pinus pumila)
Pine (Pinus sylvestris)
Propolis
Rose (Rosa damascena)
Rosemary
Sage (Salvia sclarea)
Sandalwood (Santalum album)
Spanish marjoram
Spartium junceum
Spearmint (Mentha spicata)
St.-John's-wort (Hypericum perforatum)
Star anise (Illicium verum)
Thyme (Thymus capitatus)
Vaccinium myrtillus
Valerian (Valeriana)
Vetiveria zizanioides
Viola odorata
Wheat
Ylang-ylang (Cananga odorata)
   (ext. for bactericide combinations in detergents)
Bergamot (Citrus bergamia)
Birch (Betula lenta)
Birch (Betula pendula)
Ocimum basilicum
Savory (Satureja hortensis)
   (ext.; bactericide combinations in detergents)
Essential oils
RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
BIOL (Biological study); USES (Uses)
   (geranium; bactericide combinations in detergents)
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TΤ

ΙT

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IT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (hydrogenated tallow alkyl, acetates; bactericide combinations in
        detergents)
ΙT
     Resin acids
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (hydrogenated, Me esters; bactericide combinations in detergents)
IT
     Collagens, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (hydrolyzates, [3-(dodecyldimethylammonio)-2-hydroxypropyl], chlorides;
        bactericide combinations in detergents)
TT
     Naphthenic acids, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (iron salts; bactericide combinations in detergents)
TT
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (lavender; bactericide combinations in detergents)
ΙT
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (lemon, extn. residues; bactericide combinations in detergents)
ΙT
     Detergents
        (liq.; bactericide combinations in detergents)
ΤТ
     Fats and Glyceridic oils, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (margosa; bactericide combinations in detergents)
ΙT
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (mint, Mentha; bactericide combinations in detergents)
ΙT
     Perfumes
        (myrrh; ext. for bactericide combinations in detergents)
IT
     Surfactants
        (nonionic; bactericide combinations in detergents)
ΙT
     Resins
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (olibanum; bactericide combinations in detergents)
ΙT
     Resins
        (opopanax; bactericide combinations in detergents)
ΙT
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (peppermint; bactericide combinations in detergents)
ΤТ
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (pine; bactericide combinations in detergents)
     Fatty acids, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (potassium salts; bactericide combinations in detergents)
ΙΤ
     Protein hydrolyzates
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RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
      BIOL (Biological study); USES (Uses)
         (reaction products with undecenoyl chloride, salts; bactericide
         combinations in detergents)
- IT
      Pelargonium graveolens
         (sapond. ext. for bactericide combinations in detergents)
 IT
     Orange
         (sour; ext. for bactericide combinations in detergents)
ΙT
      Balsams
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (storax; bactericide combinations in detergents)
 IT
     Orange
         (sweet, Valencia; ext. for bactericide combinations in detergents)
 TT
     Almond (Prunus amygdalus)
     Orange
         (sweet; ext. for bactericide combinations in detergents)
 ΙT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (tallow alkyl, ethoxylated, reaction products with chloroacetic acid;
         ext. for bactericide combinations in detergents)
 ΙT
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (tallow alkyl; bactericide combinations in detergents)
     Fatty acids, uses
 IΤ
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (tallow, reaction products with triethanolamine, quaternized;
         bactericide combinations in detergents)
 ΙT
     Essential oils
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (thyme, Thymus vulgaris; bactericide combinations in detergents)
IT
     Balsams
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (tolu; bactericide combinations in detergents)
ΙT
     Balsams
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (tonka bean; bactericide combinations in detergents)
 IΤ
     Amines, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (unsatd., C18; bactericide combinations in detergents)
     Naphthenic acids, uses
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     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (zinc salts; bactericide combinations in detergents)
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 ΙT
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
         (N-C12-18 acyl derivs., Me sulfates; bactericide combinations in
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    RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
    BIOL (Biological study); USES (Uses)
        (bactericide combinations in detergents)
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     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (bactericide combinations in detergents)
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                   7440-50-8, Copper, uses
    Silver, uses
                                             7446-20-0, Zinc sulfate
    heptahydrate
                    7491-20-5
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                                                        7540-51-4
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    7553-56-2, Iodine, uses
                               7601-54-9D, Trisodium phosphate, chlorinated
                7631-90-5
                            7632-04-4
    7631-89-2
                                         7637-07-2D, Boron trifluoride,
    reaction products with 2-propanol and 5-ethylidenebicyclo[2.2.1]hept-2-ene
    7640-33-7
               7646-85-7, Zinc chloride (ZnCl2), uses
                                                         7647-01-0,
    Hydrochloric acid, uses
                              7647-15-6, Sodium bromide (NaBr), uses
    7664-38-2, Phosphoric acid, uses
                                       7664-41-7, Ammonia, uses
                                                                   7664-93-9,
                          7681-49-4, Sodium fluoride (NaF), uses
    Sulfuric acid, uses
                                                                   7681-52-9
                                        7696-12-0
                                                   7697-37-2, Nitric acid,
    7681-55-2
                7681-57-4
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           7699-45-8, Zinc bromide (ZnBr2)
                                             7704-34-9, Sulfur, uses
    uses
    7722-64-7
                7722-84-1, Hydrogen peroxide (H2O2), uses
                                                            7722-86-3,
    Peroxymonosulfuric acid
                              7726-95-6, Bromine, uses 7727-21-1
                                                                      7733-02-0
    7747-35-5
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ΙT
                                         7758-98-7, Sulfuric acid copper(2+)
    7758-89-6, Copper chloride (CuCl)
                                                           7778-39-4, Arsenic
    salt (1:1), uses
                       7758-99-8
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                                              7775-27-1
    acid (H3AsO4)
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    7779-73-9
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                7779-78-4
                                        7782-44-7, Oxygen, uses
    Chlorine, uses
                     7783-20-2, Sulfuric acid diammonium salt, uses
    7783-90-6, Silver chloride (AgCl), uses 7786-29-0 7786-30-3, Magnesium
    chloride (MgCl2), uses
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                                                     7789-29-9, Potassium
     fluoride (K(HF2))
                       7789-33-5, Iodine bromide (IBr)
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    7790-99-0, Iodine chloride (ICl)
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                8007-35-0
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    Polypropylene, phenol derivs. 9003-29-6 9003-63-8
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                 9004-82-4 9004-98-2
                                         10028-15-6, Ozone, uses
    Peroxidase
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                 10043-35-3, Boric acid (H3BO3), uses
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    oxide (ClO2)
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    benzenesulfonic acid mono-C10-14-alkyl derivs. 11031-45-1, Santalol
                 11084-85-8, Sodium hypochlorite phosphate (Na13(ClO)(PO4)4)
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                 12008-41-2, Boron sodium oxide (B8Na2013)
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                              12124-97-9, Ammonium bromide ((NH4)Br)
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    13019-22-2, 9-Decen-1-ol
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                              13463-67-7, Titanium oxide (TiO2), uses
    13435-05-7
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                 13517-11-8, Hypobromous acid
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     59355-53-2, Citrex S 5
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     dimethyl-, chloride, N-coco acyl derivs.
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ΙT
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     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (esters with fatty acids; bactericide combinations in detergents)
ΙT
     65-85-0, Benzoic acid, uses
     RL: BUU (Biological use, unclassified); NUU (Other use, unclassified);
     BIOL (Biological study); USES (Uses)
        (r; bactericide combinations in detergents)
L430 ANSWER 7 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                         2001:290982 HCAPLUS
DOCUMENT NUMBER:
                         134:312855
TITLE:
                         Stable liquid cleaning agent compositions containing
                         low contents of limonene
INVENTOR($):
                         Kubono, Yumi; Watanabe, Takayo; Takano, Katsuyuki
                         Kao Corp., Japan
PATENT ASSIGNEE(S):
                         Jpn. Kokai Tokkyo Koho, 7 pp.
SOURCE:
                         CODEN: JKXXAF
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
     PATENT NO.
                      KIND DATE
                                           APPLICATION NO. DATE
                      ____
                            -----
                                           -----
                                        JP 2000-236710 20000804
JP 1999-224220 A 19990806
     JP 2001115195 A2
                            20010424
PRIORITY APPLN. INFO.:
     Perfumes contain <85\% limonene and perfumes having log-Pow 2.0-7.0
     excluding limonene with the sum of limonene with the latter being >90%.
     Thus, a detergent contained 0.5% perfumes consisting of limonene 700,
     1-menthol 200, menthone 50, and 1-carvone 50 parts.
IC
     ICM C11D003-50
     ICS C11D003-18; C11D003-20
CC
     46-6 (Surface Active Agents and Detergents)
ST
     limonene menthone menthol carvone perfume liq detergent
IT
     Polyoxyalkylenes, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (alkyl ethers, sulfates; stable liq. cleaning agent compns. contq. low
        contents of limonene)
ΙT
     RL: TEM (Technical or engineered material use); USES (Uses) ·
        (alkyl; stable liq. cleaning agent compns. contg. low contents of
        limonene)
ΙT
     Detergents
        (dishwashing; stable liq. cleaning agent compns. contg. low
        contents of limonene)
IT
     Detergents
        (lig.; stable lig. cleaning agent compns. contg. low contents of
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limonene)
TΤ
     Surfactants
        (stable liq. cleaning agent compns. contg. low contents of limonene)
TΤ
     Sulfobetaines
     RL: TEM (Technical or engineered material use); USES (Uses)
        (stable liq. cleaning agent compns. contg. low contents of limonene)
IT
     76-22-2, Camphor 78-70-6, Linalool 88-41-5,
     o-tert-Butylcyclohexyl acetate 89-78-1, Menthol 89-80-5,
     Menthone
                99-49-0, Carvone 115-95-7, Linalyl acetate
     138-86-3, Limonene 142-19-8, Allyl heptanoate 151-05-3
     , Dimethylbenzyl carbinyl acetate 470-82-6, 1,8-Cineol
     507-70-0, Borneol 3681-71-8, cis-3-Hexenyl acetate 7388-22-9,
                            176201-25-5, Aldehyde C-14 peach
     .gamma.-Methylionone
                                                                 335380-17-1,
     Aldehyde C16 Strawberry
     RL: MOA (Modifier or additive use); USES (Uses)
        (stable liq. cleaning agent compns. contg. low contents of limonene)
     1643-20-5, Dimethyllaurylamine oxide 9004-82-4, Polyethylene glycol
TT
     lauryl ether sulfate sodium salt 13197-76-7 25322-68-3D, Polyethylene
     glycol, alkyl ethers, sulfates
     RL: TEM (Technical or engineered material use); USES (Uses)
        (stable liq. cleaning agent compns. contg. low contents of limonene)
L430 ANSWER 8 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                         2001:260222 HCAPLUS
DOCUMENT NUMBER:
                         134:282522
TITLE:
                         Dishwashing detergent component with
                         double-controlled perfume release
INVENTOR(S):
                         Gassenmeier, Thomas; Millhoff, Juergen; Nitsch,
                         Christian
PATENT ASSIGNEE(S):
                         Henkel KGaA, Germany
                         Ger. Offen., 28 pp.
SOURCE:
                         CODEN: GWXXBX
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         German
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
     PATENT NO.
                      KIND
                            DATE
                                            APPLICATION NO.
                                                             DATE
     DE 19948667
                             20010412
                                            DE 1999-19948667 19991008
                       A1
     WO 2001027234
                       A1
                             20010419
                                            WO 2000-EP9550
         W: CA, CZ, HU, JP, KR, NO, PL, RO, SI, SK, TR, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE PRIORITY APPLN. INFO.:
                                         DE 1999-19948667 A 19991008
OTHER SOURCE(S):
                         MARPAT 134:282522
     The title component contains esters (e.g., succinates), ethers, acetals or
     ketals of perfume alcs., aldehydes or ketones as perfume precursors
     0.1-20, meltable substances (m. >30.degree.) 20-99.9, and other agents
     and/or auxiliaries 0-60%. Such component releases the perfumes at the
     point where they will not be destroyed and will be noticed by the user,
     esp. when the dishwashing machine is opened after completion of
     a dishwashing cycle. No examples are given.
IC
     ICM C11D003-50
CC
     46-6 (Surface Active Agents and Detergents)
     dishwashing detergent perfume release control; perfume alc
ST
     aldehyde ketone deriv controlled release dishwashing detergent
ΙT
     Glycosides
     RL: TEM (Technical or engineered material use); USES (Uses)
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(dishwashing detergent component with double-controlled
        perfume release comprising glycosides of perfume alcs.)
IT
     Perfumes
        (dishwashing detergent component with double-controlled
        perfume release comprising perfume alc., aldehyde or ketone derivs.)
IT
     Fatty acids, uses
     Paraffin waxes, uses
     Polyoxyalkylenes, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (dishwashing detergent component with double-controlled
        perfume release comprising perfume alc., aldehyde or ketone derivs.
        and)
TΤ
     Detergents
        (dishwashing; dishwashing detergent component with
        double-controlled perfume release comprising perfume alc., aldehyde or
        ketone derivs.)
ΙT
     Amino acids, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (esters; dishwashing detergent component with
        double-controlled perfume release comprising esters of perfume alcs.)
TΨ
     Fatty acids, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (esters; dishwashing detergent component with
        double-controlled perfume release comprising perfume alc., aldehyde or
        ketone derivs. and)
     Alcohols, uses
IΤ
     RL: TEM (Technical or engineered material use); USES (Uses)
        (fatty, C12-24; dishwashing detergent component with
        double-controlled perfume release comprising perfume alc., aldehyde or
        ketone derivs. and)
     Carboxylic acids, uses
ΙT
     RL: TEM (Technical or engineered material use); USES (Uses)
        (oxo, esters; dishwashing detergent component with
        double-controlled perfume release comprising esters of perfume alcs.)
ΙT
     Alcohols, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (perfume, derivs.; dishwashing detergent component with
        double-controlled perfume release comprising)
ΙT
     Aldehydes, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (perfume; dishwashing detergent component with
        double-controlled perfume release comprising acetals of)
     Ketones, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (perfume; dishwashing detergent component with
        double-controlled perfume release comprising ketals of)
     60-12-8D, Phenylethyl alcohol, esters, acetals and ketals
     71-41-0D, n-Pentanol, esters, acetals and ketals 78-69-3D,
     Tetrahydrolinalool, esters, acetals and ketals 78-70-6D,
     Linalool, esters, acetals and ketals 89-79-2D, Isopulegol,
     esters, acetals and ketals
                                  89-83-8D, Thymol, esters, acetals and ketals
     97-53-0D, Eugenol, esters, acetals and ketals
                                                      97-54-1D,
     Isoeugenol, esters, acetals and ketals
                                               98-52-2D, 4-tert-
     Butylcyclohexanol, esters, acetals and ketals 98-55-5D, .alpha.-Terpineol, esters, acetals and ketals 98-85-1
                                                       98-85-1D,
     .alpha.-Methylbenzyl alcohol, esters, acetals and ketals
                                                                  100-51-6D,
     Benzyl alcohol, esters, acetals and ketals 100-86-7D,
     Dimethylbenzyl carbinol, esters, acetals and ketals 104-54-1D,
     Cinnamic alcohol, esters, acetals and ketals
                                                    105-30-6D, esters, acetals
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and ketals 106-21-8D, Tetrahydrogeraniol, esters, acetals and 106-22-9D, Citronellol, besters, acetals and ketals 106-24-1D, Geraniol, esters, acetals and ketals 106-25-2D, Nerol, esters, acetals and ketals 108-95-2D, Phenol, esters, acetals and 110-15-6D, Succinic acid, esters with perfume alcs. ketals, uses 111-27-3D, n-Hexanol, esters, acetals and ketals 111-70-6D, 1-Heptanol, esters, acetals and ketals 111-87-5D, 1-Octanol, esters, acetals and 112-30-1D, Decanol, esters, acetals and ketals 112-42-5D, ketals, uses Undecanol, esters, acetals and ketals 112-43-6D, 10-Undecen-1-ol, esters, acetals and ketals 116-02-9D, 3,5,5-Trimethylcyclohexanol, esters, acetals and ketals 118-55-8D, Phenyl salicylate, esters, acetals and ketals 118-58-1D, Benzyl salicylate, esters, acetals and ketals 118-61-6D, Ethyl salicylate, esters, acetals and ketals 121-32-4D, Ethyl vanillin, esters, acetals and ketals 121-33-5D, Vanillin, esters, acetals and ketals 122-97-4D, 3-Phenylpropanol, esters, acetals and 122-99-6D, 2-Phenoxyethanol, esters, acetals and ketals ketals 124-76-5D, Isoborneol, esters, acetals and ketals 137-32-6D, esters, 138-87-4D, .beta.-Terpineol, esters, acetals and acetals and ketals 143-08-8D, Nonanol, esters, acetals and ketals ketals 515-00-4D, Myrtenol, esters, acetals and ketals 584-02-1D, 3-Pentanol, esters, acetals and ketals 589-98-0D, 3-Octanol, esters, acetals and ketals 623-37-0D, 3-Hexanol, esters, acetals and ketals 1123-85-9D, 2-Phenylpropanol, esters, acetals and ketals 1333-49-9D, 1343-98-2D, Silicic acid, Dimethyloctanol, esters, acetals and ketals esters with perfume alcs. 1490-04-6D, Menthol, esters, acetals and 2050-08-0D, Amyl salicylate, esters, acetals and ketals ketals 4621-04-9D. 2052-14-4D, Butyl salicylate, esters, acetals and ketals 4-Isopropylcyclohexanol, esters, acetals and ketals 5502-75-0D, p-Menthan-7-ol, esters, acetals and ketals 6259-76-3D, Hexyl salicylate, esters, acetals and ketals 7664-38-2D, Phosphoric acid, esters with 13019-22-2D, 9-Decen-1-ol, esters, acetals and perfume alcs., uses 13254-34-7D, 2,6-Dimethylheptan-2-ol, esters, acetals and ketals ketals 13491-79-7D, 2-tert-Butylcyclohexanol, esters, acetals and ketals 18409-17-1D, trans-2-Octenol, esters, acetals and ketals 20851-55-2D, 4-Hepten-1-ol, esters, acetals and ketals 25485-88-5D, Cyclohexyl salicylate, esters, acetals and ketals 28069-72-9D, trans-2-cis-6-Nonadienol, esters, acetals and ketals 29063-28-3D, Octanol, esters, acetals and ketals 30385-25-2D, Dihydromyrcenol, esters, acetals and 31502-14-4D, trans-2-Nonen-1-ol, esters, acetals and ketals 40709-05-5D, 6-Nonen-1-ol, esters, acetals and ketals 55066-48-3D, 3-Methyl-5-phenylpentanol, esters, acetals and ketals 93862-10-3D, Dimethylheptanol, esters, acetals and ketals 333717-33-2D, esters, acetals and ketals RL: TEM (Technical or engineered material use); USES (Uses) (dishwashing detergent component with double-controlled perfume release comprising perfume alc. derivs.) 143-28-2 112-92-5, 1-Octadecanol 506-44-5, all-cis-9,12,15-25322-68-3, Polyethylene glycol 25322-69-4, Octadecatrien-1-ol Polypropylene glycol 30303-65-2, Docosanol 36653-82-4, 1-Hexadecanol 71893-54-4 RL: TEM (Technical or engineered material use); USES (Uses) (dishwashing detergent component with double-controlled perfume release comprising perfume alc., aldehyde or ketone derivs. and) 80-54-6D, acetals 93-53-8D, Hydratropaldehyde, acetals 103-95-7D, 106-23-0D, Citronellal, acetals 107-75-5D, Cyclamal, acetals 112-54-9D, Dodecanal, acetals Hydroxycitronellal, acetals 124-13-0D, Octanal, acetals 5392-40-5D, Citral, acetals 39350-49-7D, Hexylcinnamicaldehyde, acetals 67634-15-5D, Floralozone,

ΙT

ΙT

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68039-49-6D, Triplal, acetals
      acetals
      RL: TEM (Technical or engineered material use); USES (Uses)
          (dishwashing detergent component with double-controlled
         perfume release comprising perfume aldehyde derivs.)
_ IT
      93-08-3D, Methyl .beta.-naphthyl ketone, ketals 99-49-0D, Carvone,
      ketals 110-43-0D, Methyl amyl ketone, ketals 112-12-9D, Methyl
      nonyl ketone, ketals
                             123-54-6D, 2,4-Pentanedione, ketals, uses
      127-41-3D, .alpha.-Ionone, ketals 637-88-7D,
      1,4-Cyclohexanedione, ketals 2550-26-7D, Benzylacetone, ketals
      2630-39-9D, Methyl dihydrojasmonate, ketals 3796-70-1D, Geranylacetone,
                7388-22-9D, .gamma.-Methylionone, ketals
                                                            84607-57-8D,
      .beta.-Ionene, ketals
      RL: TEM (Technical or engineered material use); USES (Uses)
          (dishwashing detergent component with double-controlled
         perfume release comprising perfume ketone derivs.)
 L430 ANSWER 9 OF 18 HCAPLUS COPYRIGHT 2003 ACS
                           2001:64109 HCAPLUS
 ACCESSION NUMBER:
                           134:133312
 DOCUMENT NUMBER:
 TITLE:
                           Perfume compositions for laundry detergents and bleach
 INVENTOR(S):
                           Burggraeve, Willy; Van Spaendonk, Vincentius Henricus
                           Adrianus Maria; Dresco, Pierre Antoine
                           Procter and Gamble Company, USA
 PATENT ASSIGNEE(S):
 SOURCE:
                           PCT Int. Appl., 96 pp.
                           CODEN: PIXXD2
 DOCUMENT TYPE:
                           Patent
 LANGUAGE:
                           English
 FAMILY ACC. NUM. COUNT:
 PATENT INFORMATION:
                    KIND DATE
                                              APPLICATION NO. DATE
      PATENT NO.
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                                              _____
      WO 2001005919 A2 20010125
WO 2001005919 A3 20010802
                                             WO 2000-US19369 20000714
          W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
               CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI,
              GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
               MD, RU, TJ, TM
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
               DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
               CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
                       A2
                               20010131
                                             EP 2000-870065 20000410
      EP 1072673
      EP 1072673
                         A3
                               20010321
             AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
               IE, SI, LT, LV, FI, RO
                       A 20020409
                                               BR 2000-12672
                                                                 20000714
      BR 2000012672
                                            EP 1999-870163 A 19990720
 PRIORITY APPLN. INFO.:
                                                             A 20000410
                                            EP 2000-870065
                                           WO 2000-US19369 W 20000714
      A laundry and cleaning compn. comprises a bleaching system and a perfume
 AΒ
      compn. selected from .gtoreq.40% unsatd. perfume ingredients of ester,
      ether, alc., aldehyde, ketone, nitrile, lactone, schiff-bases, terpenes
      and derivs., cyclic alkene, cyclic oxide, oxime, and their mixts.
 IC
      ICM C11D003-00
      46-5 (Surface Active Agents and Detergents)
 CC
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perfume unsatd compd laundry detergent

ST

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TΤ
      Detergents
         (dishwashing; stable perfume compns. for laundry detergents
         contq. bleach)
 IT
      Unsaturated compounds
      RL: MOA (Modifier or additive use); USES (Uses)
         (lactones; stable perfume compns. for laundry detergents contq. bleach)
TT
      Detergents
         (laundry; stable perfume compns. for laundry detergents contq. bleach)
TIT
      Bleaching agents
      Fabric softeners
      Perfumes
         (stable perfume compns. for laundry detergents contg. bleach)
 ΙT
      Alcohols, uses
      Aldehydes, uses
      Cycloalkenes
      Esters, uses
      Ethers, uses
      Ketones, uses
      Lactones
      Nitriles, uses
      Oximes
      Schiff bases
      Terpenes, uses
      RL: MOA (Modifier or additive use); USES (Uses)
         (unsatd.; stable perfume compns. for laundry detergents contg. bleach)
 ΙT
      78-70-6, Linalool
                         91-64-5, 1,2-Benzopyrone 104-54-1,
      3-Phenyl-2-propen-1-ol
                               106-22-9, 3,7-Dimethyl-6-octen-1-ol
                                                                      106-23-0,
      3,7-Dimethyl-6-octen-1-al 106-24-1, Geraniol 111-79-5, Methyl
      2-nonenoate 127-91-3, ..beta..-Pinene 150-84-5,
      Citronellyl acetate 562-74-3 586-62-9, Terpinolene
      928-96-1, cis-3-Hexenol
                                1118-39-4 1191-16-8
      2305-21-7, 2-Hexen-1-ol
                                3155-71-3
                                             3391-86-4, Amyl vinyl
      carbinol 5146-66-7, 3,7-Dimethyl-2,6-octadienenitrile
      7779-81-9, Isobutyl angelate 8000-41-7, Terpineol
                                                             13019-22-2,
      9-Decen-1-ol
                    14303-70-9, Propyl Myristate
                                                   14374-92-6, Pelargene
      18479-58-8, 2,6-Dimethyl-7-octen-2-ol 19089-92-0, Hexyl 2-butenoate
                   28219-61-6, Sanjinol
                                          28371-99-5, Trimofix O
                                                                    30385-25-2,
      24237-00-1
                         30631-14-2, Floralol
      Dihydro myrcenol
                                               34902-57-3, Oxacyclohexadecen-2-
                                     43052-87-5, ..alpha..-Damascone
                         35206-51-0
      one
            35044-59-8
      50607-64-2
                                54464-57-2, Iso E Super
                   53018-24-9
                                                          56922-75-9
      56973-85-4, 4-Penten-1-one-,1-(5,5-dimethyl-1-cyclohexen-1-yl)
      63512-40-3
                  65113-99-7
                                65405-77-8
                                              66327-54-6
                                                           68039-73-6
      68419-46-5, 2,7-Dimethyloct-5-en-4-one
                                                68845-02-3
      68901-15-5
                   72403-67-9 76842-49-4, Frutene
                                                     77851-07-1
      80449-58-7, Vertofix coeur 81
81786-73-4, Acetyldiisoamylene
                                   81782-77-6, 4-Methyl-3-decen-5-ol
                                      92585-24-5, 2-Methyl-4-phenyl-1-pentanol
      93893-89-1
                   93939-86-7
                                96518-30-8
                                              97384-48-0
                                                           134769-33-8,
      3,12-Tridecadiene nitrile
                                   321745-89-5
                                                321848-12-8
      RL: MOA (Modifier or additive use); USES (Uses)
         (stable perfume compns. for laundry detergents contg. bleach)
 L430 ANSWER 10 OF 18 HCAPLUS COPYRIGHT 2003 ACS
                          2000:785893 HCAPLUS
 ACCESSION NUMBER:
 DOCUMENT NUMBER:
                          133:336905
 TITLE:
                          Built granular automatic dishwashing
                          compositions comprising blooming perfume for cleansing
                          dishware, glassware, and cooking/eating
                          utensils
 INVENTOR(S):
                          Trinh, Toan; Bacon, Dennis Ray; Chung, Alex Haejoon;
```

Blondin, Patricia Ann Procter & Gamble Co., USA

PATENT ASSIGNEE(S): Procter & Gamble Co., USA
SOURCE: U.S., 25 pp., Cont.-in-part of U.S. Ser. No. 618,522,

abandoned.
CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

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APPLICATION NO. DATE
     PATENT NO.
                   KIND DATE
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                                                             _____
     US 6143707 A 20001107 US 1998-25480 19980218
CA 2249281 AA 19970925 CA 1997-2249281 19970308
PRIORITY APPLN. INFO.:
                                        US 1996-618522 B2 19960319
     Automatic dishwashing detergent compns. comprise a blooming
     perfume compn. contg. blooming perfume ingredients selected from those
     having a b.p. .ltorsim.260.degree. and a ClogP .gtorsim.3, and where the
     perfume compn. comprises .gtoreq.5 different blooming perfume ingredients,
     bleaching agent, 10-75% builder, and optionally, bleach catalysts, adjunct
     materials, and moisture-activated encapsulated perfume particles selected
     from cyclodextrin/perfume inclusion complexes and water sol. matrix
     perfume microcapsules. Preferred automatic dishwashing compns.
     further comprise amylase and/or protease enzymes. An example blooming
     perfume agent contained dihydro myrcenol, .alpha.-pinene, para-cymene,
     isononyl alc., tetrahydro linalool, d-limonene, verdox, and delayed
     blooming agents camphor gum, di-Me benzyl carbinol, eucalyptol, fenchyl
     alc., and dimetol.
     ICM C11D003-50
IC
     ICS
         C11D003-395
NCL
     510220000
     46-5 (Surface Active Agents and Detergents)
     blooming perfume automatic dishwashing detergent; amylase
     protease perfume automatic dishwashing detergent; bleach perfume
     automatic dishwashing detergent
ΙT
     Bleaching agents
     Detergent builders
     Perfumes
        (built granular automatic dishwashing compns. comprising
        blooming perfume, builders, bleach, and encapsulated perfume for
        cleansing dishware, glassware, and cooking/eating utensils)
ΙT
     Detergents
        (dishwashing, granular; built granular automatic
        dishwashing compns. comprising blooming perfume, builders,
        bleach, and encapsulated perfume for cleansing dishware,
        glassware, and cooking/eating utensils)
     60-12-8, Phenyl Ethyl Alcohol 75-85-4, Ethyl Dimethyl Carbinol
IT
     78-69-3, Tetrahydro Linalool 78-70-6, Linalool
     79-92-5, Camphene 80-26-2, .alpha.-Terpinyl acetate
     80-56-8, .alpha.-Pinene 88-41-5, Verdox 89-79-2
     , Isopulegol 89-80-5, Menthone 89-82-7, (+)-Pulegone 91-16-7 93-15-2, Methyl Eugenol 93-58-3, Methyl
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.alpha.-Terpinene 99-87-6 100-06-1 100-51-6, Benzenemethanol, uses

benzoate 93-89-0, Ethyl Benzoate 93-92-5, Methyl Phenyl Carbinyl Acetate 94-59-7, Safrole 97-53-0,

101-97-3, Ethyl Phenyl Acetate 103-37-7, Benzyl butyrate

Eugenol 99-85-4, .gamma.-Terpinene 99-86-5,

100-52-7, Benzaldehyde, uses 100-66-3, uses 100-86-7, Dimethyl Benzyl Carbinol 101-84-8

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103-38-8, Benzyl Iso Valerate 103-45-7, 2-Phenyl Ethyl Acetate
     104-50-7, .gamma.-Octalactone 104-54-1 104-57-4
     , Benzyl Formate 104-61-0 104-65-4, Cinnamyl Formate
     104-93-8 105-54-4, Ethyl butanoate 105-66-8, Propyl
     Butanoate 105-86-2, Geranyl Formate 105-87-3, Geranyl Acetate
     106-21-8, 3,7 Dimethyl-1-Octanol 106-22-9, Citronellol
     106-24-1, trans-Geraniol 106-25-2, Nerol
                                                  106-44-5, uses
     106-68-3, Ethyl Amyl Ketone 107-75-5, Hydroxycitronellal
     110-41-8, Methyl-n-Nonyl Acetaldehyde 110-43-0, Methyl
     Pentyl Ketone 110-93-0, Methyl Heptenone 111-13-7,
     Methyl Hexyl Ketone 112-31-2, Decyl Aldehyde
                                                   112-54-9,
     Lauraldehyde 115-95-7, Linalyl Acetate 115-99-1, Linalyl
     Formate 119-36-8, Methyl Salicylate 119-65-3,
     Isoquinoline 120-50-3, Isobutyl Benzoate
                                               120-72-9, Indole,
            122-00-9 122-03-2, Cuminic aldehyde 122-63-4,
     Benzyl Propionate 122-78-1, Phenyl Acetaldehyde
                                                       122 - 99 - 6
     2-Phenoxy Ethanol
                         123-11-5, p-Anisaldehyde, uses 123-35-3,
     .beta.-Myrcene 123-51-3 123-68-2, Allyl caproate
     123-96-6, 2-Octanol 124-13-0, Octyl Aldehyde
     124-19-6, Nonyl Aldehyde 125-12-2, Isobornyl Acetate
     127-41-3, .alpha.-Ionone 127-91-3, .beta.-Pinene
     134-20-3 140-11-4, Benzyl Acetate 140-67-0, Methyl Chavicol
     141-12-8, Neryl Acetate 141-14-0, Citronellyl propionate
     141-78-6, Acetic acid ethyl ester, uses 141-97-9, Ethyl
     acetoacetate 142-19-8, Allyl Heptoate 142-92-7, Hexyl
     Acetate 143-13-5, Nonyl Acetate 150-84-5, Citronellyl
     Acetate 151-05-3, Dimethyl Benzyl Carbinyl Acetate
     464-49-3, (+)-Camphor 470-82-6, Eucalyptol
     488-10-8, cis-Jasmone 499-75-2, Carvacrol
     536-60-7, Cumic Alcohol 562-74-3, 4-Terpinenol
     624-54-4, Amyl Propionate 628-63-7, Amyl Acetate
     629-33-4, Hexyl Formate 673-84-7, Allo-Ocimene
     821-55-6, Methyl Heptyl Ketone 925-78-0, Ethyl Hexyl
              928-94-9 928-96-1, cis-3-Hexen-1-ol 1123-85-9
     Ketone
     , Hydratropic Alcohol 1191-16-8, Prenyl Acetate
    1632-73-1, Fenchyl Alcohol 2244-16-8, (+)-Carvone 2463-77-6, 2-Undecenal 2550-26-7, Benzyl Acetone
     2623-23-6 2705-87-5, Allyl cyclohexanepropionate
     3681-71-8, cis-3-Hexenyl Acetate 4180-23-8
     4861-85-2, Isopropylphenylacetate 5146-66-7, Geranyl
     Nitrile 5392-40-5, Citral
                                 5434-57-1
                                             5989-27-5
                                                         5989-33-3,
     Linalool oxide 6485-40-1, L-Carvone 13851-11-1,
     Fenchyl Acetate 15439-16-4, Cyclal 16409-43-1, Rose
     Oxide 16930-96-4, Hexyl Tiglate 18479-57-7, Tetrahydro
     Myrcenol 19009-56-4, Methyl Octyl Acetaldehyde
     21722-83-8, Cyclohexyl Ethyl Acetate 27458-94-2,
                                                30385-25-2, Dihydromyrcenol
                       29350-73-0, Cadinene
     Isononyl Alcohol
     32210-23-4, Vertenex 40379-24-6, Isononyl Acetate
     41519-23-7, cis-3-Hexenyl Isobutyrate 51566-62-2,
     Citronellyl Nitrile 54140-14-6
                                       57576-09-7, Isopulegyl acetate
                                         68039-49-6, Ligustral
     67883-79-8, cis-3-Hexenyl Tiglate
     76842-49-4, Frutene 88969-41-9, Dihydromyrcenyl Acetate
     RL: MOA (Modifier or additive use); USES (Uses)
        (built granular automatic dishwashing compns. comprising
        blooming perfume, builders, bleach, and encapsulated perfume for
        cleansing dishware, glassware, and cooking/eating utensils)
                               THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS
REFERENCE COUNT:
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
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L430 ANSWER 11 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                         1998:151204 HCAPLUS
DOCUMENT NUMBER:
                         128:194007
TITLE:
                         Automatic dishwashing detergents comprising
                         .beta.-keto esters as fragrance delivery compounds
INVENTOR(S):
                         Sivik, Mark Robert; Severns, John Cort; Costa, Jill
                         Conham
PATENT ASSIGNEE(S):
                         Procter & Gamble Company, USA; Sivik, Mark Robert;
                         Severns, John Cort; Costa, Jill Conham
SOURCE:
                         PCT Int. Appl., 76 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         English
FAMILY ACC. NUM. COUNT:
                         1.0
PATENT INFORMATION:
     PATENT NO.
                    KIND DATE
                                         APPLICATION NO. DATE
     WO 9807812 A2 19980226 WO 1997-US14615 19970819
         W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ,
             LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US,
             UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
             GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
             GN, ML, MR, NE, SN, TD, TG
                     A1
                                                           19970819
     AU 9739859
                                           AU 1997-39859
                          19980306
     EP 922083
                           19990616
                                          EP 1997-937322 19970819
                      Α2
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI
     BR 9711316 A 19990817 BR 1997-11316 19970819
     CN 1233281
                      Α
                            19991027
                                           CN 1997-198731
                                                           19970819
     CN 1233282
                     Α
                           19991027
                                          CN 1997-198732 19970819
                     A 19991027
     CN 1233283
                                          CN 1997-198733 19970819
     CN 1233284
                     A 19991027
                                          CN 1997-198758 19970819
     CN 1233947
                     Α
                           19991103
                                          CN 1997-198887
                                                            19970819
     US 6083892 A 20005
TTV 7777
                                        JP 1998-510911
US 1999-242624
                                                          19970819
                                                            19990219
PRIORITY APPLN. INFO.:
                                        US 1996-24117P P 19960819
                                        WO 1997-US14615 W 19970819
                        MARPAT 128:194007
OTHER SOURCE(S):
     The title detergents which provide an aesthetically pleasurable benefit to
     tableware and the automatic dishwashing appliance comprise
     .beta.-keto ester pro-fragrance compds. R1R2R3CCOR [R = alkoxy group
     derived from a fragrance raw material alc.; R1-R3 = H, C1-30 alkyl, C3-30
     cycloalkyl, C6-30 (alkylene)aryl; R1R2R3 can form C6-30 (un)substituted
     ring, etc.] capable of releasing fragrance raw materials. A method for
     providing lasting fragrance to dishware and to automatic
     dishwashing appliances is also claimed. A typical detergent
     contained Na tripolyphosphate 45.0, Na2CO3 13.5, hydrated silicate 13.5, Poly-Tergent SLF 18B (nonionic surfactant) 2.0, Tergitol 1559 (ethoxylated
     secondary alc.) 1.0, protease 0.83, amylase 0.5, Na perborate monohydrate
     14.5, Mn complex bleach catalyst 0.009, Bz202 4.4, 3,7-dimethyl-1,6-
     octadien-3-yl 3-(.beta.-naphthyl)-3-oxopropionate [prepn. by condensation
     of linalyl acetate with 2-naphthoyl chloride in presence of (Me2CH)2NLi in
     THF given] 1.7, minors, salts and H2O balance.
IC
     ICM C11D003-00
     46-6 (Surface Active Agents and Detergents)
CC
     dishwashing detergent keto ester profragrance; fragrance
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precursor keto ester dishwashing detergent; methyloctadienyl
      naphthyloxopropionate prepn profragrance dishwashing detergent
 TT
      Surfactants
         (amphoteric; automatic dishwashing detergents comprising
         .beta.-keto esters as fragrance delivery compds.)
 IT
      Surfactants
         (anionic; automatic dishwashing detergents comprising
         .beta.-keto esters as fragrance delivery compds.)
·IT
      Perfumes
         (automatic dishwashing detergents comprising .beta.-keto
         esters as fragrance delivery compds.)
 TΤ
      Surfactants
         (cationic; automatic dishwashing detergents comprising
         .beta.-keto esters as fragrance delivery compds.)
 IT
      Detergents
         (dishwashing; automatic dishwashing detergents
         comprising .beta.-keto esters as fragrance delivery compds.)
 ΙT
      Surfactants
         (nonionic; automatic dishwashing detergents comprising
         .beta.-keto esters as fragrance delivery compds.)
 ΙT
      Carboxylic acids, uses
      RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP
      (Preparation); USES (Uses)
         (oxo, esters; automatic dishwashing detergents comprising
         .beta.-keto esters as fragrance delivery compds.)
 IT
      Surfactants.
         (zwitterionic; automatic dishwashing detergents comprising
         .beta.-keto esters as fragrance delivery compds.)
 ΤТ
      25456-03-5P
                    203174-46-3P
                                   203174-48-5P
                                                   203174-50-9P
                                                                  203174-52-1P
      203174-54-3P
                     203174-56-5P
                                    203174-58-7P
                                                    203174-60-1P
                                                                   203174-62-3P
      203174-68-9P
                     203174-71-4P
                                    203174-73-6P
                                                    203174-74-7P
                                                                   203174-75-8P
                     203174-77-0P
                                    203174-78-1P
      203174-76-9P
                                                    203260-01-9P
                                                                   203516-69-2P
      RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP
      (Preparation); USES (Uses)
         (automatic dishwashing detergents comprising .beta.-keto
         esters as fragrance delivery compds.)
 ΙT
      100-07-2, p-Methoxybenzoyl chloride
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with dihydromyrcenyl acetate; automatic
         dishwashing detergents comprising .beta.-keto esters as
         fragrance delivery compds.)
 ΙΤ
      78-70-6, Linalool 53219-21-9, Dihydromyrcenol
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with diketene; automatic dishwashing detergents
         comprising .beta.-keto esters as fragrance delivery compds.)
 ΙT
      764-85-2, Nonanoyl chloride
                                    879-18-5, 1-Naphthoyl chloride
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with dimethyloctadienyl acetate; automatic
         dishwashing detergents comprising .beta.-keto esters as
         fragrance delivery compds.)
      100-44-7, Benzyl chloride, reactions
                                              2528-61-2, Heptanoyl chloride
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with dimethyloctadienyl oxobutyrate; automatic
         dishwashing detergents comprising .beta.-keto esters as
         fragrance delivery compds.)
 ΙT
      122-04-3, p-Nitrobenzoyl chloride
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with dimethyloctenyl acetate; automatic
         dishwashing detergents comprising .beta.-keto esters as
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fragrance delivery compds.)
IΤ
     674-82-8, Diketene
     RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with linalool; automatic dishwashing detergents
        comprising .beta.-keto esters as fragrance delivery compds.)
ΙT
     2243-83-6, 2-Naphthoyl chloride
     RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with linalyl acetate; automatic dishwashing
        detergents comprising .beta.-keto esters as fragrance delivery compds.)
ΙT
     80-26-2 115-95-7, Linalyl acetate 3681-71-8,
     cis-3-Hexenyl acetate
                               50816-18-7
     RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with naphthoyl chloride; automatic dishwashing
        detergents comprising .beta.-keto esters as fragrance delivery compds.)
IT
     88969-41-9, Dihydromyrcenyl acetate
     RL: RCT (Reactant); RACT (Reactant or reagent)
         (condensation with p-methoxybenzoyl chloride; automatic
        dishwashing detergents comprising .beta.-keto esters as
        fragrance delivery compds.)
L430 ANSWER 12 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                          1997:810266 HCAPLUS
DOCUMENT NUMBER:
                          128:24310
TITLE:
                          Perfumed particulate detergent compositions for hand
                          dishwashing
INVENTOR(S):
                          Trinh, Toan; Bacon, Dennis R.; Blondin-Cook, Patricia
                          A.; Chung, Alex H.
PATENT ASSIGNEE(S):
                          Procter and Gamble Company, USA
SOURCE:
                          Brit. UK Pat. Appl., 38 pp.
                          CODEN: BAXXDU
DOCUMENT TYPE:
                          Patent
LANGUAGE:
                          English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
     PATENT NO.
                       KIND DATE
                                             APPLICATION NO. DATE
     GB 2311296
                        A1
                              19970924
                                             GB 1997-5617
                                                               19970318
     GB 2311296
                        B2
                              19991229
PRIORITY APPLN. INFO.:
                                          US 1996-590551
                                                                19960319
                                          US 1996-770194
AΒ
     Disclosed are perfumed, dry particulate detergent and detergent/bleach
     compns. comprising anionic surfactant; solid builder and/or filler
     materials; and a blooming perfume compn. The components of the blooming perfume compn. are defined by their b.p. and their octanol/water partition
     coeff. Such compns., which optionally contain a Cl bleach, are useful for
     the hand washing of cook and/or eating utensils. The perfume component
     utilized therein is ready noticeable to the user of the compn. but does
     not spot or film surfaces washed using such compns. Thus, a detergent was obtained from a linear alkylbenzenesulfonate 25, Na tripolyphosphate 40,
     Na silicate 7.5, a blooming perfume 1.2, CM cellulose 1 and balance of
     water to 100%.
     ICM C11D003-50
IC
    C11D003-50, C11D001-02, C11D001-12, C11D003-02, C11D003-06, C11D003-065,
ICI
     C11D003-08, C11D003-10
CC
     46-6 (Surface Active Agents and Detergents)
ST
     hand dishwashing detergent blooming perfume
TΤ
     Patchouli
        (blooming perfumes for particulate detergent compns. contg. anionic
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surfactants, solid builders or/and fillers)
TT
      Perfumes
         (blooming, in perfumed particulate detergent compns. contq. anionic
         surfactants, solid builders or/and fillers)
_ IT
         (dishwashing, for hand washing; compns. contq. anionic
         surfactants, solid builders or/and fillers and blooming perfumes of)
IT
      Terpenes, uses
     RL: MOA (Modifier or additive use); USES (Uses)
         (orange; blooming perfumes for particulate detergent compns. contg.
         anionic surfactants, solid builders or/and fillers)
TΨ
      60-12-8, Benzeneethanol 78-69-3 78-70-6
     79-92-5 80-26-2 80-56-8
                                87-44-5
     88-41-5
               89-43-0 98-55-5
                                 99-87-6 100-86-7
     101-84-8
               101-86-0 105-86-2
                                    105-87-3
                                               106-22-9
     106-24-1
               106-25-2 112-31-2, Decanal 115-95-7
     119-61-9, uses 122-63-4
                               123-11-5, uses 123-35-3
     125-12-2 127-41-3 127-91-3 470-82-6
                          586-62-9
     488-10-8 562-74-3
                                    1333-49-9
                 2050-08-0
                              2630-39-9 3681-71-8
     1632-73-1
     5392-40-5
                  5989-27-5
                              6259-76-3
                                          7388-22-9
                                                      7585-39-9D,
      .beta.-Cyclodextrin, inclusion compds. with perfumes
                                                           8000-41-7,
                 13254-34-7 18479-57-7
                                        21677-96-3
     Terpineol
     27458-94-2, Isononanol
                               30385-25-2 51566-62-2
     58985-02-7
     RL: MOA (Modifier or additive use); USES (Uses)
         (blooming perfumes for particulate detergent compns. contg. anionic
         surfactants, solid builders or/and fillers)
 TΤ
     76-22-2
     RL: MOA (Modifier or additive use); USES (Uses)
         (gum, blooming perfumes for particulate detergent compns. contg.
         anionic surfactants, solid builders or/and fillers)
L430 ANSWER 13 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                          1997:805812 HCAPLUS
 DOCUMENT NUMBER:
                          128:49876
 TITLE:
                          Detergent compositions for laundry and
                          dishwashing, comprising cationic ester
                          surfactants and perfume compositions
                          Dodd, Ian Martin; Thoen, Christiaan Arthur; Moss,
 INVENTOR(S):
                          Michael Alan John; Cunningham, Philip Andrew
                          Procter & Gamble Company, USA; Dodd, Ian Martin;
 PATENT ASSIGNEE(S):
                          Thoen, Christiaan Arthur; Moss, Michael Alan John;
                          Cunningham, Philip Andrew
 SOURCE:
                          PCT Int. Appl., 72 pp.
                          CODEN: PIXXD2
 DOCUMENT TYPE:
                          Patent
 LANGUAGE:
                          English
 FAMILY ACC. NUM. COUNT:
 PATENT INFORMATION:
     PATENT NO.
                       KIND
                             DATE
                                            APPLICATION NO.
                                                             DATE
     WO 9745511
                       Α1
                             19971204
                                            WO 1997-US8234
                                                             19970515
         W: BR, CA, MX, US
         RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
     GB 2313601
                       Α1
                             19971203
                                            GB 1996-11322
                                                             19960531
     EP 906384
                       A1
                             19990407
                                            EP 1997-925580
                                                             19970515
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI
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BR 9709507
                            19990810
                                            BR 1997-9507
                                                             19970515
PRIORITY APPLN. INFO.:
                                         GB 1996-11322
                                                            19960531
                                         WO 1997-US8234
                                                             19970515
OTHER SOURCE(S):
                         MARPAT 128:49876
     The title perfume compns. contain a perfume component with a mol. wt.
     150-350 or a precursor thereto, present at a level of 0.5-90% in the
     perfume compn. The cationic ester surfactants may be chosen from
     RCO2(CH2)2-3N+Me3, RCO2CH2CH2N+Me2CH2CH2OH and RCO2CH2CH2N+Et2Me, and a
     perfume compn. comprised benzyl salicylate 25, 4-tert-butylcyclohexyl
     acetate 15, .alpha.-hexylcinnamic aldehyde 15, benzyl acetate 10,
     4-acetoxy-3-pentyltetrahydropyran 8, amyl salicylate 7, citronellal 7,
     tetrahydrolinanool 5, .alpha.-amylcinnamic aldehyde 5, and
     7-acetyl-1,1,6,7-tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalene 3 parts.
IC
     ICM C11D001-62
CC
     46-6 (Surface Active Agents and Detergents)
ST
     cationic ester surfactant laundry dishwashing detergent; perfume
     quaternary ammonium ester detergent
TT
     Patchouli
        (acid-washed perfume; detergent compns. for laundry and
        dishwashing, comprising cationic ester surfactants and perfume
        compns.)
     Surfactants
IT
        (cationic; detergent compns. for laundry and dishwashing,
        comprising cationic ester surfactants and perfume compns.)
TT
     Perfumes
        (detergent compns. for laundry and dishwashing, comprising
        cationic ester surfactants and perfume compns.)
IT
     Detergents
        (dishwashing; detergent compns. for laundry and
        dishwashing, comprising cationic ester surfactants and perfume
        compns.)
ΙT
     Quaternary ammonium compounds, uses
     RL: TEM (Technical or engineered material use); USES (Uses)
        (esters, surfactants; detergent compns. for laundry and
        dishwashing, comprising cationic ester surfactants and perfume
        compns.)
TΤ
     Detergents
        (laundry; detergent compns. for laundry and dishwashing,
        comprising cationic ester surfactants and perfume compns.)
     Esters, uses
ΙT
     RL: TEM (Technical or engineered material use); USES (Uses)
        (quaternary ammonium, surfactants; detergent compns. for laundry and
        dishwashing, comprising cationic ester surfactants and perfume
        compns.)
ΙT
     Oak moss
        (synthetic perfume; detergent compns. for laundry and
        dishwashing, comprising cationic ester surfactants and perfume
        compns.)
     60-12-8, 2-Phenylethanol 78-69-3, Tetrahydrolinalool
               91-64-5, Coumarin 101-86-0, .alpha.-Hexylcinnamic aldehyde
     106-23-0, Citronellal 106-24-1, Geraniol 118-salicylate 122-40-7 140-11-4, Benzyl acetate
                                               118-58-1, Benzyl
                                                     1222-05-5,
     1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran
                                                      2050-08-0, Amyl salicylate
     1333-52-4, Methyl naphthyl ketone
                                        1506-02-1
                                                  18871-14-2,
     5471-51-2, 4-(p-Hydroxyphenyl)butan-2-one
     4-Acetoxy-3-pentyltetrahydropyran 32210-23-4,
                                      54464-57-2
                                                   68845-02-3 136897-67-1
     4-tert-Butylcyclohexyl acetate
     186309-28-4, Karanal
     RL: NUU (Other use, unclassified); USES (Uses)
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(perfume; detergent compns. for laundry and dishwashing, comprising cationic ester surfactants and perfume compns.) L430 ANSWER 14 OF 18 HCAPLUS COPYRIGHT 2003 ACS ACCESSION NUMBER: 1997:640747 HCAPLUS DOCUMENT NUMBER: 127:308659 TITLE: Built automatic dishwashing compositions comprising blooming perfume "INVENTOR(S): Trinh, Toan; Bacon, Dennis Ray; Blondin-Cook, Patricia Ann; Chung, Alex Haejoon PATENT ASSIGNEE(S): Procter & Gamble Co., USA SOURCE: PCT Int. Appl., 67 pp. CODEN: PIXXD2 DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE \_\_\_\_\_\_ ---------A1 19970925 WO 1997-US3642 19970308 WO 9734987 W: BR, CA, JP, MX RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE CA 2249281 AA 19970925 CA 1997-2249281 19970308 A1 19990107 EP 1997-914923 19970308 EP 888441 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI T2 19990622 JP 1997-533509 19970308 JP 11507096 PRIORITY APPLN. INFO.: US 1996-618522 A 19960319 WO 1997-US3642 W 19970308 AΒ Automatic dishwashing detergent compns. comprise .gtoreq.50% blooming perfume ingredients having a b.p. .ltorsim.260.degree. and a log Pcalc. (ClogP) .gtorsim.3, and .gtoreq.5 different blooming perfume ingredients, bleaching agent, 10-75% builder, and optionally bleach catalysts. Preferred automatic dishwashing compns. further comprise amylase and/or protease enzymes for improved tea stain removal. IC ICM C11D003-50 ICS C11D003-395; C11D003-39 CC 46-6 (Surface Active Agents and Detergents) . blooming perfume automatic dishwashing detergent; amylase protease perfume automatic dishwashing detergent; bleach perfume automatic dishwashing detergent IT Perfumes (blooming and delayed blooming; built automatic dishwashing compns. comprising bleach, builder, and blooming perfume) IT Detergents (dishwashing, automatic; built automatic dishwashing compns. comprising bleach, builder, and blooming perfume) ΙT **60-12-8**, Phenyl ethyl alcohol 76-22-2, Camphor 77-83-8, Ethyl methyl phenyl glycidate 78-69-3, Tetrahydro linalool **78-70-6** 79-69-6, .alpha.-Irone 79-76-5, .gamma.-Ionone **79-77-6**, .beta.-Ionone **79-92-5**, Camphene 80-54-6, Lilial **80-56-8**, .alpha.-Pinene 85-91-6, Methyl N-methyl anthranilate 87-44-5, .beta.-Caryophyllene 88-41-5, Verdox 89-48-5, Menthyl acetate **89-79-2**, Isopulegol **89-80-5**, Menthone 89-82-7, Pulegone 91-16-7, Veratrol 93-15-2, Methyl eugenol 93-58-3 93-89-0, Ethyl benzoate 93-92-5, Methyl phenyl carbinyl acetate 94-59-7, Safrole **97-53-0**, Eugenol 97-89-2, Citronellyl isobutyrate 98-55-5, .alpha.-Terpineol 99-85-4, .gamma.-Terpinene

```
99-86-5, .alpha.-Terpinene 99-87-6, p-Cymene
                                                  100-06-1,
p-Methoxy acetophenone 100-51-6, Benzyl alcohol, uses 100-52-7
, Benzaldehyde, uses 100-66-3, uses 100-86-7, Dimethyl
benzyl carbinol 101-84-8, Diphenyl oxide 101-97-3,
Ethyl phenyl acetate 103-05-9, Phenyl ethyl dimethyl carbinol
103-37-7, Benzyl butyrate 103-38-8, Benzyl isovalerate
          104-46-1, Anethol 104-54-1, Cinnamic alcohol
104-57-4, Benzyl formate 104-61-0, .gamma.-Nonalactone
104-65-4, Cinnamyl formate 104-93-8 105-54-4, Ethyl
butyrate 105-66-8, Propyl butyrate 105-86-2, Geranyl
formate
          105-87-3, Geranyl acetate 106-22-9 106-24-1
106-25-2
           106-44-5, p-Cresol, uses 106-68-3, Ethyl amyl ketone
107-75-5, Hydroxycitronellal 110-41-8, Methyl nonyl
acetaldehyde 110-43-0, Methyl amyl ketone 110-93-0
111-13-7, Methyl hexyl ketone 111-87-5, Octyl alcohol, uses
112-31-2, Decyl aldehyde
                           112-54-9, Lauric aldehyde
                           115-99-1, Linalyl formate 119-36-
115-95-7, Linalyl acetate
8, Methyl salicylate 119-65-3, Isoquinoline
120-50-3, Isobutyl benzoate 120-72-9, Indole, uses
                                                         122-00-9,
p-Methyl acetophenone 122-03-2, Cuminic aldehyde
122-63-4, Benzyl propionate 122-78-1, Phenyl
               122-99-6
acetaldehyde
                          123-11-5, Anisic aldehyde, uses 123-35-3
, Myrcene 123-51-3, Isoamyl alcohol 123-68-2, Allyl
caproate 124-13-0, Octyl aldehyde 124-19-6, Nonyl
aldehyde 125-12-2, Isobornyl acetate 127-41-3,
.alpha.-Ionone 127-51-5, .alpha.-Iso methyl ionone 127-91-3,
                134-20-3, Methyl anthranilate 140-11-4, Benzyl
.beta.-Pinene
acetate
          140-67-0, Methyl chavicol 141-12-8, Neryl acetate
141-14-0, Citronellyl propionate 141-78-6, Ethyl
acetate, uses 141-97-9, Ethyl acetoacetate 142-19-8,
Allyl heptoate 142-92-7, Hexyl acetate 143-13-5, Nonyl
acetate 150-84-5, Citronellyl acetate 151-05-3,
Dimethyl benzyl carbinyl acetate 470-82-6, Eucalyptol
488-10-8, cis-Jasmone 491-07-6, Isomenthone 499-75-2,
Carvacrol 536-60-7, Cuminic alcohol 562-74-3,
4-Terpinenol
              586-62-9, Terpinolene 624-54-4, Amyl propionate
628-63-7, Amyl acetate 629-33-4, Hexyl formate
673-84-7, allo-Ocimene 821-55-6, Methyl heptyl ketone
                               928-94-9
                                          947-05-7, Dodecalactone
925-78-0, Ethyl hexyl ketone
1123-85-9, Hydratropic alcohol 1191-16-8, Prenyl acetate
1333-49-9, Dimethyl octanol 1333-58-0, Isobutyl quinoline
                                                                1334-90-3
1337-83-3, Undecenal 1632-73-1, Fenchyl alcohol
                                                   2102-59-2
            2345-26-8, Geranyl isobutyrate 2550-26-7,
2244-16-8
                 3623-52-7, Isomenthol 3681-71-8, cis-3-Hexenyl
Benzyl acetone
         4395-92-0, p-Isopropyl phenylacetaldehyde 5392-40-5
acetate
            5989-27-5
                        5989-33-3, Linalool oxide 6485-40-1
5434-57-1
7388-22-9, .gamma.-Methyl ionone 8007-35-0, Terp. 13851-11-1, Fenchyl acetate 16409-43-1, Rose oxide
                                   8007-35-0, Terpinyl acetate
16930-96-4, Hexyl tiglate 18479-57-7, Tetrahydro
myrcenol 19009-56-4, Methyl octyl acetaldehyde 21145-77-7,
Tonalide
           21677-96-3, Geranylnitrile 21722-83-8, Cyclohexyl
               26444-19-9, Methyl acetophenone 27458-94-2,
ethyl acetate
             hol 28261-03-2, Hexenol 28933-77-9, Hexenyl acetate 30385-25-2, Dihydromyrcenol 32210-23-4, Vertenex
Isononyl alcohol
29759-11-3
40379-24-6, Isononyl acetate 51566-62-2, Citronellyl
                                    57576-09-7, Isopulegyl acetate 68039-49-6, Cyclal C
                       54830-99-8
         54140-14-6
nitrile
67883-79-8
             68039-49-6, Ligustral
                                 92348-62-4D, lactone derivs.
71662-23-2 76842-49-4, Frutene
179639-45-3
             196791-41-0
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(built automatic dishwashing compns. comprising bleach,
         builder, and blooming perfume)
_L430 ANSWER 15 OF 18 HCAPLUS COPYRIGHT 2003 ACS
                          1991:682515 HCAPLUS
 ACCESSION NUMBER:
DOCUMENT NUMBER:
                          115:282515
 TITLE:
                          Perfumed liquid detergent composition with storage
                          stability
 INVENTOR(S):
                          Persing, Klaus; Seichter, Eckhard; Sowada, Rudolf;
                          Franke, Werner; Michel, Dieter; Rehschuch, Wolfgang
 PATENT ASSIGNEE(S):
                          Leuna-Werke A.-G., Germany
 SOURCE:
                          Ger. (East), 3 pp.
                          CODEN: GEXXA8
 DOCUMENT TYPE:
                          Patent
 LANGUAGE:
                          German
 FAMILY ACC. NUM. COUNT:
 PATENT INFORMATION:
      PATENT NO.
                     KIND DATE
                                           APPLICATION NO. DATE
      _____
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                            _____
                                            -----
      DD 292477
                        A5
                             19910801
                                            DD 1990-338397 19900305
      DD 292477
                       B5 19941208
                                         DD 1990-338397
 PRIORITY APPLN. INFO.:
                                                             19900305
      Combinations of citral and/or citronellal, dihydromyrcenol and/or
      tetrahydrolinalolol (I), PhOCH2CH2OH, and eugenol and/or
      p-tert-butylhydroxyanisole (II) are useful as storage-stable perfumes in
      liq. laundry or dishwashing detergents and liq. cleaning compns.
      contg. active O-generating compds. A cleaning compn. contained
      alkylbenzenesulfonate 10.4, alkanesulfonate 6.7, alkyl ether sulfate 1.6,
      H2O2 0.04, citral 0.05, citronellal 0.02, I 0.0175, II 0.0025, and
      PhOCH2CH2OH 0.03%, the balance being water.
      ICM C11D003-50
 IC
 CC
      46-5 (Surface Active Agents and Detergents)
 ST
      perfume stability liq detergent; citral perfume liq detergent; citronellal
      perfume liq detergent; dihydromyrcenol perfume liq detergent;
      tetrahydrolinalolol perfume liq detergent; phenoxyethanol perfume liq
      detergent; eugenol perfume liq detergent; butylhydroxyanisole perfume liq
      detergent; laundry detergent liq perfume; dishwashing detergent
      liq perfume; cleaner liq perfume
 IΤ
      Perfumes and Essences
         (liq. detergents contg., storage-stable)
 TΤ
      Bleaching agents
         (peroxygen, liq. detergents contq. perfume and, stable)
 TΤ
      Detergents
         (cleaning compns., liq., contg. perfumes and peroxygen compds., stable)
 TT
      Detergents
         (dishwashing, liq., contg. perfumes and peroxygen compds.,
         stable)
 ΙT
      Detergents
         (laundry, liq., contg. perfumes and peroxygen compds., stable)
      79-21-0, Peracetic acid 7632-04-4, Sodium perborate
      RL: USES (Uses)
      (liq. detergents contg. perfume and, stable) 78-69-3, 3,7-Dimethyloctan-3-ol 97-53-0, Eugenol
 IΤ
                 122-99-6, 2-Phenoxyethanol 5392-40-5
                                                        18479-58-8,
      2,6-Dimethyl-7-octen-2-ol
                                  25013-16-5
      RL: USES (Uses)
         (perfumes contq., lig. detergents contq., stable)
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RL: MOA (Modifier or additive use); USES (Uses)

L430 ANSWER 16 OF 18 HCAPLUS COPYRIGHT 2003 ACS ACCESSION NUMBER: 1988:633235 HCAPLUS DOCUMENT NUMBER: 109:233235 \_TITLE: Malodor-free dishwashing detergent compositions INVENTOR(S): Tosaka, Masaki; Izumi, Yu; Nakagawa, Junosuke PATENT ASSIGNEE(S): Kao Corp., Japan SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF DOCUMENT TYPE: Patent LANGUAGE: Japanese FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE -----\_\_\_\_ -----\_\_\_\_\_\_ 19880423 JP 63092698 A2 JP 1986-239693 19861008 B4 JP 05086998 19931215 PRIORITY APPLN. INFO.: JP 1986-239693 19861008 OTHER SOURCE(S): MARPAT 109:233235 The title detergents based on C12-18 .alpha.-olefinsulfonates or C10-16alkylamine oxides contain C8-10 aliph. aldehyde, C7-15 arom. aldehyde, and/or lower alkyl anthranilate. A typical compn. comprised Na .alpha.-olefinsulfonate 6, polyoxyethylene ether sulfate Na salt 14, lauryldiethanolamide 4, EtOH 5, Na p-toluenesulfonate 2, octyl aldehyde 0.02, and water to 100%. A dishcloth washed with this detergent was free from malodor. ICM C11D010-02 IC ICI C11D010-02, C11D001-14, C11D001-75, C11D003-20 CC 46-6 (Surface Active Agents and Detergents) ST aldehyde deodorant dishwashing detergent; olefinsulfonate dishwashing detergent deodorant; alkylamine oxide dishwashing detergent deodorant; alkyl anthranilate dishwashing detergent deodorant TΤ Deodorants (aldehydes and anthranilates, for olefinsulfonate-or amide oxide-based dishwashing detergents) IT Aldehydes, uses and miscellaneous Esters, uses and miscellaneous RL: USES (Uses) (deodorants, for olefinsulfonate- or alkylamine oxide-based dishwashing detergents) ΙT Detergents (dishwashing, olefinsulfonate- or alkylamine oxide-based deodorants for, aldehydes and anthranilates as) ΙT Amines, oxides RL: USES (Uses) (N-oxides, dishwashing detergents based on, deodorants for, aldehydes and anthranilates as) 80-54-6, p-tert-Butyl-.alpha.-methylhydrocinnamaldehyde 87-25-2, Ethyl 90-02-8, o-Hydroxybenzaldehyde, uses and miscellaneous anthranilate 93-53-8, .alpha.-Methylphenylacetaldehyde 100-52-7, Benzaldehyde, uses and miscellaneous 101-86-0, .alpha.-Hexylcinnamaldehyde 103-95-7, p-Isopropyl-.alpha.methylhydrocinnamaldehyde 104-53-0, 3-Phenylpropionaldehyde 10 Cinnamaldehyde 106-23-0, 3,7-Dimethyl-6-octenal 107-75-5 112-31-2, Decylaldehyde 120-57-0, 3,4-Methylenedioxybenzaldehyde 112-31-2, Decylaldehyde 121-32-4, 3-Ethoxy-4-hydroxybenzaldehyde 121-33-5, 4-Hydroxy-3-

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methoxybenzaldehyde 122-03-2, p-Isopropylbenzaldehyde
     122-40-7, .alpha.-Amylcinnamaldehyde 122-78-1 123-11-5,
     p-Methoxybenzaldehyde, uses and miscellaneous 124-13-0,
     Octylaldehyde 124-19-6, Nonylaldehyde 134-20-3, Methyl
                    1205-17-0 5392-40-5, 3,7-Dimethyl-2,6-octadienal
     anthranilate
     RL: USES (Uses)
        (deodorants, for olefinsulfonate- or alkylamine oxide-based
        dishwashing detergents)
L430 ANSWER 17 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                         1983:128187 HCAPLUS
DOCUMENT NUMBER:
                         98:128187
TITLE:
                         Liquid detergent compositions with tertiary alcohol
                         skin feel additives
INVENTOR(S):
                         Jones, Keith A.; Walker, Harry S., Jr.
PATENT ASSIGNEE(S):
                         Procter and Gamble Co., USA
SOURCE:
                         U.S., 6 pp. Cont.-in-part of U.S. Ser. No. 193,050,
                         abandoned.
                         CODEN: USXXAM
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         English
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                     KIND DATE
     PATENT NO.
                                           APPLICATION NO. DATE
                            ____
                                           -----
                    A
     US 4371461
                            19830201
                                          US 1981-299692 19810908
    EP 49546 A1 19820414
EP 49546 B1 19841219
                            19820414
                                           EP 1981-201084 19810930
        R: AT, BE, CH, DE, FR, GB, IT, NL
     AT 10857 E 19850115
                                          AT 1981-201084
                                                            19810930
     CA 1160131
                      A1
                            19840110
                                           CA 1981-387138
                                                            19811001
     JP 58029899
                      Α2
                            19830222
                                           JP 1981-156312
                                                            19811002
PRIORITY APPLN. INFO.:
                                        US 1980-193050
                                                            19801002
                                        US 1981-299692
                                                            19810908
                                        EP 1981-201084
                                                            19810930
     Liq. detergent compns. are prepd. which contain a C8-20 tertiary alc. such
     as linalool [78-70-6] and give washing solns. with a pH of
     < 8.5. The washing solns. impart a desirable feel to skin during washing
     of dishes, hard surfaces, etc. Thus, a liq. detergent compn.
     contained ammonium C12-13-alkyl sulfate 6.5, RO(CH2CH2O)nSO3NH4 (R =
     C12-13 alkyl, av. n = 12) 18.8, glycerol mono(C12-14-alkyl) ether sulfate
     ammonium salt 4, C12-14-alkyldimethylamine oxide 5, K toluenesulfonate
     0.5, linalool 0.1, EtOH 8, and additives-water 57.1%.
IC
     C11D003-20; C11D003-46; C11D003-48; C11D017-08
NCL
    252547000
     46-6 (Surface Active Agents and Detergents)
    dishwashing detergent skin compatibility; cleaner liq skin
     compatibility; alc detergent skin compatibility
IT
     Detergents
        (dishwashing, liq., contg. tertiary alcs. for improved skin
        feel)
ΙT
     Detergents
    (liq., contg. tertiary alcs. for improved skin feel) Alcohols, uses and miscellaneous RL: USES (Uses)
IT
        (tertiary, liq. detergents contg., for improved skin feel)
     78-69-3 78-70-6 98-55-5 142-50-7 151-19-9
TΤ
     562-74-3 28977-58-4
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(detergents contg., liq., with improved skin feel)
 L430 ANSWER 18 OF 18 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
                         1982:408163 HCAPLUS
 DOCUMENT NUMBER:
                         97:8163
TITLE:
                         Liquid detergent composition
INVENTOR(S):
                         Jones, Keith Anthony; Walker, Harry S., Jr.
PATENT ASSIGNEE(S):
                         Procter and Gamble Co., USA
 SOURCE:
                         Eur. Pat. Appl., 18 pp.
                         CODEN: EPXXDW
 DOCUMENT TYPE:
                         Patent
 LANGUAGE:
                         English
 FAMILY ACC. NUM. COUNT:
 PATENT INFORMATION:
                   KIND DATE
     PATENT NO.
                                          APPLICATION NO. DATE
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                      ____
                                          ______
     EP 49546 A1 19820414
EP 49546 B1 19841219
                                     EP 1981-201084 19810930
         R: AT, BE, CH, DE, FR, GB, IT, NL
     US 4371461 A 19830201 US 1981-299692 19810908
     AT 10857
                       E
                            19850115
                                          AT 1981-201084 19810930
 PRIORITY APPLN. INFO.:
                                       US 1980-193050
                                                          19801002
                                                          19810908
                                       US 1981-299692
                                                       19810930
                                       EP 1981-201084
     A liq. detergent compn. is mixed with 0.1-0.6% C8-20 tertiary alc., such
AB
     as linalool [78-70-6], tetrahydrolinalool [78-69-3],
     4-terpineol [562-74-3], .alpha.-terpineol [98-55-5],
     ocimenol [28977-58-4], or nerolidol [7212-44-4], to give improved
     mildness and smoothness in contact with skin. Thus, a dishwashing
     detergent contains ammonium C12-13 alkyl sulfate 6.5, ammonium C12-13
     alkyl ethoxy(12) sulfate 18.8, ammonium C12-14 alkyl monoglyceryl ether
     sulfate 4, C12-14 alkyldimethylamine oxide 5, K toluenesulfonate 0.5,
     linalool 0.1, EtOH 8, and water-additives 57.1%.
IC
     C11D001-68; C11D001-72; C11D001-75; C11D017-00
 CC
     46-5 (Surface Active Agents and Detergents)
 ST
     alc tertiary detergent mildness; linalool detergent mildness skin;
     terpineol detergent mildness skin; dishwashing detergent
     mildness skin
 ΙT
     Alcohols, uses and miscellaneous
         (C8-20, tertiary, lig. detergents contg., for mildness to skin)
 IT
     Detergents
         (liq., tertiary alc.-contg., with mildness to skin)
     78-69-3 78-70-6 98-55-5 151-19-9
 ΙT
     562-74-3 7212-44-4 28977-58-4
     RL: USES (Uses)
         (lig. detergents contg., for mildness to skin)
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RL: TEM (Technical or engineered material use); USES (Uses)